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REPORT

OF THE

BOARD OF HEALTH

OF THE

City and Port of Philadelphia,

TO THE

MAYOR,

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REPORT

OF THE

BOARD OF HEALTH

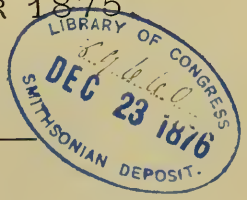
OF THE

City and Port of Philadelphia,

TO THE

MAYOR,

FOR THE YEAR 1875.



PHILADELPHIA:
PRINTED BY ORDER OF THE BOARD.

D

Board of
Health
Spec. Rep.

EXTRACT FROM THE

MINUTES OF THE BOARD OF HEALTH,

JULY 1, 1876.

DR. FORD, *Chairman of the Committee on the Annual Report,* presented the Report of the Board for the year 1875, which was considered and approved; and it was ordered to be printed, and a copy transmitted to the Mayor.

Attest,

WILLIAM P. TROTH,

Chief Clerk.

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CITY AFFAIRS COMMITTEE.

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OF THE

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OF THE

City and Port of Philadelphia,

1876.

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JOHN E. ADDICKS.

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WILLIAM M. WELCH, M. D.

Steward of Municipal Hospital, JAMES S. HAYNES.

Matron of Municipal Hospital, MRS. E. M. HAYNES.

Steward of Lazaretto,

LEWIS KUGLER.

Measurers,

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MERRITT GIBSON, EDWARD A. HOWELL,
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JACOB KIPLE, F. McBRIDE.

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Runner,

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Eighteenth District.—DR. R. W. DEAVER.

REPORT

OF THE

BOARD OF HEALTH,

OF THE CITY AND PORT OF PHILADELPHIA.

FOR THE YEAR 1875.

HON. WM. S. STOKLEY,

Mayor of the City of Philadelphia.

SIR:—In conformity with the requirements of the Act of Consolidation, the Board of Health respectfully submit the following report for the year 1875.

The mortuary records show a less favorable condition of the public health than is usual. The increase in the number of deaths amounted to two thousand five hundred and sixty-seven (2,567). A large proportion of this increase is due to zymotic diseases, notably scarlet fever, diphtheria, and croup. The excess of mortality from these three diseases alone, was one thousand three hundred and eighty-two (1,382).

Scarlet fever and diphtheria, both prominent diseases in the last quarter of 1874, added very considerably to the mortality of each week in the year; the former being most fatal in the first half of the year, and the latter most fatal in the last half. There was no very marked increase in the number of deaths from any other disease, except in the class above mentioned. The deaths

from cholera infantum and other diseases of infancy of frequent occurrence in the warm weather, bear a very favorable comparison with preceding years. The greatest weekly mortality from all causes, was five hundred and twenty-six (526), which occurred in the week ending July 3d. In the preceding year, the greatest weekly mortality occurred in the week ending July 25th, the number being four hundred and fifty-three (453). The highest weekly mortality ever recorded, occurred in the week ending July 13th, 1872, when no less than eight hundred and thirty-five (835) deaths were placed on record.

The greatest number of deaths occurred in the month of August; and the smallest number, in the month of November. The excessively hot weather in the latter part of June, increased the mortality of that month beyond the usual proportion.

No cases of yellow fever were reported in the city, nor did the disease, in a single instance, make its appearance at the quarantine station. The annual death-rate, increase of population being taken into consideration, was 22.24 per thousand inhabitants. Although this is a considerable increase over the two preceding years, it does not indicate by any means an unfavorable condition of the health of the city.

The total number of births, including eight hundred and twenty-four (824) still-born children, was seventeen thousand nine hundred and thirty-three (17,933), a decrease of one thousand four hundred and fifty-four (1,454) from the number reported in 1874. The number of marriages amounted to six thousand one hundred and forty-four (6,144), a decrease of four hundred and ninety-five (495) from the number recorded in the previous year. The whole number of deaths placed on record was seventeen thousand eight hundred and five (17,805), an increase of two thousand five hundred and sixty-seven (2,567), when compared with the number for the preceding year.

One of the most important functions of the Board is that concerned in the investigation and suppression of nuisances. No less than five thousand seven hundred and five (5,705) cases were reported for action during the year. Many of these were of a complicated

character, involving patient investigation and assiduous care in their management. A great deal of unnecessary labor is forced upon the authorities by the refusal of persons, after proper notification, to abate nuisances for which they are responsible, thereby obliging the Board, in furtherance of the public weal, to authorize the work to be done, and institute proceedings at law for the recovery of the expense. In all such cases a fine should be imposed in addition to the costs; for this course of action would tend to diminish the number of such cases, and, when they do occur, remunerate the city for the additional expense incurred thereby. The time has arrived for energetic measures directed toward the repressing of offensive trades and manufactures in the built-up portions of the city. Fat-melting establishments, soap houses, slaughter-houses, galvanizing works, lime-burning works, and all trades, businesses, processes or manufactures causing offensive effluvia,—should not be tolerated in populated districts. Radical measures are necessary to cause the permanent abatement of these nuisances; such as will compel their removal to distant parts, and exclude them from all populated districts by a defined boundary line. To accomplish so desirable a result, additional legislation is necessary and should be speedily obtained. At present the efficiency of the Board is greatly impaired from the want of specific laws upon the subject, and efforts made to suppress these nuisances are apt to be hampered by judicial proceedings, with no certainty of a verdict being rendered in favor of the city.

The paving of a number of streets has been greatly improved by the substitution of granite blocks for the old-fashioned cobble stones. This is a much needed reform, and should receive universal commendation; for the sanitary and other advantages of a well laid Belgian pavement over the present cobblestone pavement are most undoubted. We do not wish, however, to claim for it a superiority over the *true* Asphalt pavement, the best for certain localities of which we have any knowledge, and which we have every reason to believe will come into more general use, so soon as its advantages are properly appreciated.

A large number of complaints of nuisances upon the highways, caused by defective paving, have been reported during the year, but particularly in the summer months. Some of the passenger railway companies have made commendable attempts to repair the streets on which their tracks are laid; but the most of them, indifferent to their obligations to keep the streets in good order from curb to curb, have only repaired the pavement between their tracks and just outside of them, which work it is to their advantage to perform, independent of any law upon the subject. As a consequence of this neglect year after year, the highways are in a condition unknown before the advent of those very necessary conveniences—street railways. How long this defiance of law is to continue is now a very pertinent question, and one that should interest every tax-payer.

On the 21st of July, the Board adopted a resolution which virtually abolishes the old bucket-and-cart system for emptying wells after the end of the year for which licenses have been granted, namely, April 15th, 1876, and substituting therefor the odorless method, by means of air-tight apparatus, pumps, and hose. This is a most important reform, which will put an end to a disgusting nuisance, and relieve the city of an opprobrium which has tarnished its reputation.

The work of building cattle-yards and slaughter-houses on the west side of the Schuylkill, north of Market Street, was so far advanced at the close of the year as to afford a prospect of their early occupation. The operation has necessarily been protracted, on account of its magnitude and the immense amount of filling in required to raise the grade to a proper height. The work has been performed in a most thorough and substantial manner, and every effort has been made to secure all possible sanitary advantages. This establishment is probably the most complete of its kind in the United States. The only objection that has been raised against it is *location*. The decision of this important point, which has been the cause of so much strife, must be withheld until determined by the results of experience. It may not be out of place, however, at this time to state, that, in

our opinion, founded upon an attentive consideration of the subject, the management of the abattoir can be conducted in a manner free from offense and without causing any nuisance whatsoever. Should such occur the authority is available by which it can be abated.

REGISTRATION DEPARTMENT.

During the year 1875, the work of the Registration Office has been steadily pursued, while some alterations in the method of collecting and recording statistics have been deemed advisable.

In addition to the usual bulletin of deaths, which is sent largely in exchange, there has been published, for local distribution, a list of deaths from zymotic diseases, classified by wards. It was hoped that the connection between local causes and aggregations of disease would, in some instances, be made plain, so that it would be easy to institute sanitary reforms, and apply preventive measures in particular cases; but thus far it has not been possible to draw any valuable deductions from the cases reported. This may be in part owing to the fact, that the mortality, with which this office principally has to do, while the most evident, is by no means the most reliable indication of the extent to which a disease is prevailing. Among the poor and enfeebled many will be recorded in the mortality lists, having succumbed to the identical influences which the affluent and well nourished have overcome. Only infectious and contagious diseases are required to be returned to the Health Office, but, except in the case of variolous affections and scarlatina, the returns are most meagre and ofttimes entirely wanting. Such disorders as typhoid fever, erysipelas, and pyæmia, not having been by common consent admitted within the circle of contagious diseases, are rarely recorded except as causes of death. It is hoped that as these local observations become more extended, valuable facts will be learned thereby. Great care is bestowed upon the accuracy of the statistics collected in this office, the work of recording and summarizing being subjected to the closest scrutiny. It is confidently claimed that every attention is bestowed upon

the details, and that as a consequence the figures returned, so far as is within the control of this office, are reliable. The percentages are necessarily approximations, as, excepting in those years when a census is taken, the total population must be estimated. That this can be done with accuracy was well shown upon the recent taking of a Centennial census upon April 1st, 1876, when the figures of the census officials and those of the Health Office came within less than two thousand of each other. When due allowance is made for the growth of population from April 1st to July 1st, to which latter date the figures of this office are estimated, the closeness of the calculation cannot be questioned. Statisticians can hardly claim more from any figures, nor indeed is it desirable that they should; for it is now generally admitted that statistics are only of use in establishing a conclusion when of large dimensions, and even then can only avail as setting up a law of probabilities.

Many physicians, apparently regarding the death certificate as a mere legal form, do not state the cause of death with the same care and minuteness as would be exercised in reporting the case for the information of their brethren. To overcome this difficulty, which must interfere with the value of our returns, the rule has been established, that, in every case where ambiguity as to disease or region exists, the physician signing the certificate is waited upon by a messenger, and requested to make the return more definite, if possible. This plan has been found to work well, and the request for information has, in most cases, been cheerfully complied with. It is well, perhaps, in this connection, to draw attention to the fact that in coroner's cases, when unverified by *post mortem* examinations, the diagnoses must necessarily be only approximations. It would seem very desirable that autopsies should be held in all cases where an investigation by the coroner is requisite. Nor need such a course involve large expenditure, as there are enough votaries of science who would be willing to do the work were the opportunities afforded them.

Much difficulty has been experienced in obtaining full returns

of the births and marriages. This is in large part owing to the vast area of our city, by which the work of our collectors is made both tedious and difficult. By the special detail, for this purpose, of officers unencumbered by other duties, it is hoped this obstacle will be satisfactorily overcome in the future.

It has been the aim of the Registration Committee to enlist all scientific physicians to aid the department in the important though ofttimes harassing labor of compiling statistics. The committee has almost always met with a cordial response, and it is thought that the medical profession and citizens at large are taking more interest and pride in this portion of the work entrusted to the Board of Health.

The records of the registration office are always open to inspection, and the committee cannot but bear its testimony to the cheerfulness with which the registrar is ever ready to aid those seeking information upon particular subjects by an examination of the records, a cheerfulness which can only be accounted for by the personal interest taken by him in the department entrusted to his care.

CORONER'S RETURNS.

The following is the list of the causes of death as reported by the Coroner, for the year 1875:

Abscess of lung	1	Gastritis	1	Poisoned, accident	4
Apoplexy	24	Heart disease	111	Poisoned by overdose of narcotic	9
Apoplexy of lungs	1	Heart and kidney disease.	1	Poisoned by overdose of laudanum	5
Asphyxia	1	Heart clot	2	Poisoned by overdose of chloral	1
Asthma	4	Hemorrhage	2	Poisoned by corrosive sublimate	1
Accident	24	Hemorrhage from lungs	10	Quinsy (strangulated)	1
Aneurism of aorta	3	Hemorrhage, internal	1	Rupture of uterus	1
Burns, coal oil	11	Hemorrhage, intestinal	1	Rupture of heart	1
Burns, accident	19	Hemorrhage from uterus	1	Rupture of jugular vein	1
Brain, softening of	1	Heart, hypertrophy of	1	Rheumatism, acute	1
Brain, compression of	1	Homicide (supposed)	1	Rheumatism of heart	1
Brain, concussion of	2	Injuries by machinery	1	Scarlet fever	1
Brain, congestion of	22	Injuries by fall	22	Stillborn	40
Brain, effusion on	2	Injuries on wharf	1	Scalds, accident	6
Brain, inflammation of	1	Injuries, foot crushed	1	Sunstroke	7
Bright's disease	4	Injuries on quay	1	Suicide	13
Bowels, congestion of	1	Injuries on dummy engine	1	Suicide by drowning	8
Bladder, inflammation of	1	Injuries to head	1	Suicide by Prussic acid	1
Convulsions	85	Injuries	1	Suicide by cutting throat	7
Cancer of stomach	1	Injuries on railroad	40	Suicide by poison	4
Cancer of throat	1	Injuries, explosion of blast	1	Suicide by laudanum	3
Catarrh of breast	2	Injuries, run over by cart	7	Suicide by hanging	14
Crushed between cars	1	Injuries, run over by wagon	6	Suicide by taking slaked lime	1
Crushed	2	Injuries, run over on R.R.	2	Suicide by shooting	13
Cholera morbus	2	Injuries, thrown from a wagon	1	Shock from injuries	2
Cholera infantum	4	Influenza	1	Shock from R. R. accident	2
Choking	4	Intemperance	12	Suffocation	5
Childbed fever	1	Inanition	7	Suffocation, accidental	4
Croup, membranous	1	Killed on railroad	33	Suffocation in cess-pool	1
Debility	54	Killed by falling rock	1	Suffocation from gas	2
Drowning	66	Killed by a car	2	Suffocation from coal gas	1
Drowning, accident	46	Killed by a locomotive	1	Sore throat, malignant	3
Diarrhœa	1	Killed on cars	1	Strangulation	1
Dropsy	1	Killed in malt house	1	Tetanus	1
Dysentery	2	Killed, kicked by a horse	2	Unknown	15
Diphtheria	4	Liver, atrophy of	1	Unnatural means	1
Epilepsy	1	Liver, congestion of	1	Violence	6
Exposure	12	Lungs, congestion of	3	Violence, fracture of skull	4
Endocarditis	1	Liver, disease of	2	Violence by husband	1
Empyema	1	Lungs, inflammation of	1	Violence, blows and kicks	1
Fall from cart	2	Marasmus	34	Violence, shooting	5
Fall from roof	1	Mania-a-potu	2	Violence, stabbing	1
Fall from mast	1	Metritis	1	Violence, cutting throat	1
Fall from house	7	Measles	1	Violence, injuries to head.	1
Fall from car	1	Murder, knife wound	2	Violence, thrown from window	1
Fall from pier	1	Natural causes	23	Violence, followed by peritonitis	2
Fall from ladder	1	Old age	1	Wounds, gunshot, accidental	4
Fall down stairs	4	Paralysis	4	Wound, gunshot	3
Fall from window	1	Pleurisy	1		
Fall through hatchway	2	Pyæmia	1	Total	1,074
Fall from tree	1	Peritonitis, traumatic	1		
Fall from pole	1	Peritonitis	6		
Fall while intoxicated	1	Pneumonia	22		
Fall from bridge	1	Phthisis pulmonalis	19		
Fracture of skull	9	Poisoned	3		
Found in privy well	1	Poisoned by eating wild parsnips	1		
Frozen to death	1				
Fever, bilious	1				

LAZARETTO AND QUARANTINE.

There is nothing of interest to communicate in regard to the Lazaretto station, except the almost complete absence during the quarantine season of contagious or malignant diseases. There were only three cases of disease treated at the hospital; namely, one of small-pox, one of malarial fever, and one of bilious fever. Not a case of yellow fever was received at the station, notwithstanding the communication with ports infected with the disease, and on account of which it was deemed advisable, as a precautionary measure, to establish very stringent quarantine regulations for many weeks. The health of those connected with the station continued remarkably good throughout the season.

Under a special resolution of the Board, fourteen (14) vessels were detained at the station and subjected to rigid quarantine regulations, before being permitted to proceed to the city.

It will be seen from the following table, that one thousand two hundred and ninety-five (1,295) vessels were examined, and ten thousand one hundred and seventy-eight (10,178) passengers arrived, during the year 1875. Compared with the record of the preceding year, there was a slight increase in the number of vessels, and a slight decrease in the number of passengers, that arrived at this port in 1875.

Report of vessels visited during the year 1875.

MONTHS.	By Port Physician.							By Lazaretto Physician.						
	Steamers.	Ships.	Barks.	Brigs.	Schooners.	Totals.	Passengers.	Steamers.	Ships.	Barks.	Brigs.	Schooners.	Total.	Passengers.
January	5	1	5	1	7	19	585	...	...	.....	...	.....	.....	.....
February	6	..	10	14	17	47	162	...	...	.....	...	.....	.....	.....
March	10	13	45	44	51	163	522	...	...	.....	...	.....	.....	.....
April	8	11	50	13	26	108	852	...	...	.....	...	.....	.....	.....
May	6	2	40	35	80	163	1,460	...	...	.....	...	.....	.....	.....
June	1	...	.....	.....	2	3	.....	18	6	38	30	100	192	1,471
July	...	...	.....	.....	.....	.....	.....	15	5	32	18	51	121	1,490
August	...	...	.....	.....	.....	.....	.....	13	13	47	9	35	117	959
September	...	...	.....	.....	.....	.....	.....	17	9	53	18	30	127	1,156
October	6	40	18	12	17	93	806	...	...	... ..	...	4	4	.....
November	6	21	14	1	23	65	481	...	...	.....	...	.....	.....	.....
December	4	2	43	7	17	73	234	...	...	.....	...	.....	.....	.....
Totals	52	90	225	127	240	734	5,102	63	33	170	75	220	561	5,076

Recapitulation.

Steamers	115
Ships	123
Barks	395
Brigs	202
Schooners	460
Totals	1,295
Number of passengers arrived	10,178

The following table shows the number of vessels and passengers (chiefly foreign) arriving at the port of Philadelphia from 1860 to 1875, inclusive, examined by the Port and Lazaretto Physicians.

YEARS.	Vessels.	Passengers.
1860	830	3,511
1861	602	1,565
1862	781	1,540
1863	839	3,649
1864	802	4,664
1865	725	1,694
1866	801	2,807
1867	854	2,102
1868	916	1,417
1869	991	907
1870	970	543
1871	1,109	543
1872	1,161	136
1873	1,335	4,462
1874	1,285	10,878
1875	1,295	10,178

There is but a slight difference between the figures noted above in the years 1874 and 1875. The increase in the number of vessels and the very marked increase in the number of passengers arriving at the port, during the past three years, is the result of the establishment of the American Steamship and the Red Star Lines, trafficking between this port and Europe.

MUNICIPAL HOSPITAL.

The report of Dr. Wm. M. Welch, physician in charge of the Municipal Hospital, submitted in the Appendix, furnishes a detailed account of the medical administration of this institution for the year 1875. The number of cases admitted amounted to eighty-six (86), forty-eight (48) of which were of small-pox. This number is in excess of the preceding year, but hardly in excess of the annual average, if we except seasons of epidemic visitations. The greatest number of cases of all diseases were admitted in the month of March; then, in the months of November and December. The greatest number of small-pox cases were treated in these months, and in the same order. The death-rate from small-pox was 35.41 per cent., which is considerably above the annual average. The mortality among people of color was excessive, being 57.14 per cent. The mortality of the white cases amounted to 31.7 per cent. The mortality of the unvaccinated class was 64.7 per cent., and of the post-vaccinal cases, 19.35 per cent.,—another proof of the modifying influence of vaccination.

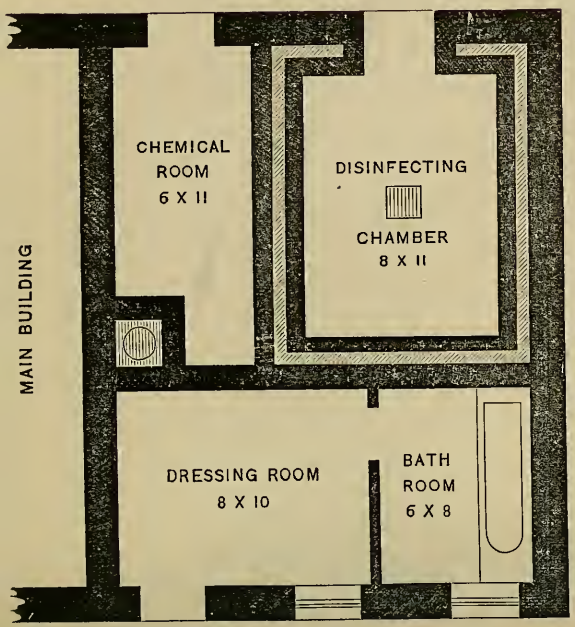
There were eighteen (18) cases of scarlet fever treated during the year, none of which were fatal. The three (3) cases of measles likewise recovered.

Several years ago the construction of disinfecting chambers, with bath and dressing rooms attached, was recommended, in the annual report, as a much needed convenience, without which no hospital for the treatment of infectious diseases could be satisfactorily conducted. The absence of a supply of water and gas from the city mains contributed greatly to discourage the undertaking at that time. After waiting several years, the prospect of their immediate introduction did not appear very encouraging; so that towards the close of the past year it was resolved to immediately construct a suitable building with the facilities at hand, subject to such modifications as the improvements and increased advantages of the future might suggest. Plans and specifications for the building were drawn up by Drs. Ashhurst and Ford, under whose direction it has been constructed. The site selected was that adjoining the laundry, where hot water could be procured for

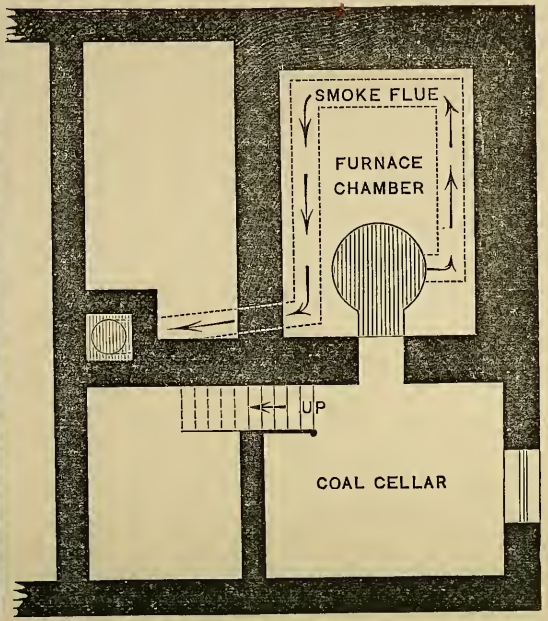
DAVIS E. SUPPLEE,
ARCHITECT.

BUILT BY
A. W. RAND.

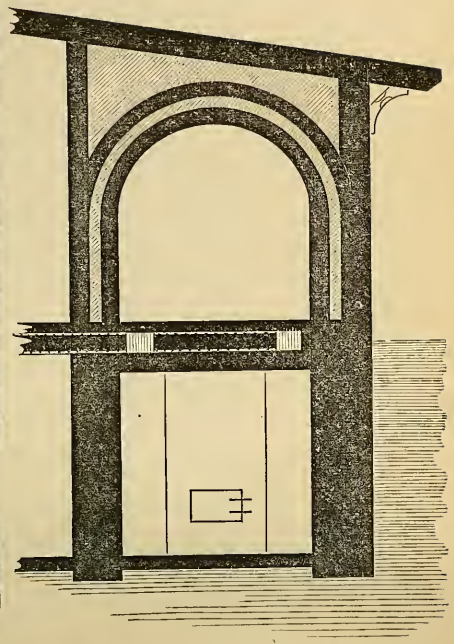
DISINFECTING ANNEX TO MUNICIPAL HOSPITAL, PHILA.



FIRST STORY PLAN



CELLAR PLAN



SECTION THROUGH DISINFECTING
AND FURNACE CHAMBERS

bathing purposes, and where the location was most advantageous on account of economy and separation from the main building. The building contains a hot-air chamber, a fumigating chamber, a bath-room, and a dressing room. It is intended to add suitable apartments in which to keep articles before and after being disinfected, so that the establishment shall be complete in itself. A chamber heated by gas, such as the improved disinfecting apparatus of S. Leoni & Co, of London, or the gas stove of Dr. Ransom, of Nottingham, would probably have been the best adapted for the purposes of the hospital, on the ground of economy, if for no other reason, could the supply of gas have been obtained.

A steam disinfecting chamber, such as that proposed by Dr. Esse, and in use in Berlin, has its advantages where steam is already in use. In the apparatus determined upon the heat is obtained from a cast-iron cockle situated in a cellar immediately under the hot-air chamber.

The building is constructed of stone, pointed, and is one story high with a basement. It contains on one floor, a bath-room, supplied with hot and cold water, six feet by eight feet, communicating with a dressing-room, eight feet by ten feet; a fumigating chamber, six feet by eleven feet; and a hot air-chamber, eight feet by eleven feet. The fumigating chamber is made perfectly tight, so as to completely confine the gases liberated for the purposes of disinfection. The articles to be purified are suspended and exposed to the fumes of burning sulphur, or other gases, for hours, the length of time being regulated by the character of the substances submitted to the process.

The hot air chamber is eight feet wide and eleven feet long, and eight feet to the spring of the arch. The interior wall is built of brick, arched at the top, and is nine inches in thickness. Between it and the outside wall is an air space for the object of economizing the heat. The door is made of wrought-iron set in a cast-iron frame, so that the chamber is perfectly fire-proof. The furnace is placed in a chamber immediately under the floor, which is laid in tiles of stone, supported on an iron frame-work. The heated air passes directly through an adjustable grating

near the centre of the floor, over which a soapstone screen is placed to protect the clothing from the direct rays of heat. The smoke flue passes around the chamber under the floor before entering the chimney. At the top of the chamber there is an opening provided with a valve for the escape of air into a shaft leading into the chimney. Cold air is admitted from below into the space around the furnace. Valves control the openings for entrance and exit of air, which can be managed without entering the chamber. The thermometer can be examined from the bath-room through a slit in the wall, covered by glass. A temperature of 280 degrees Fahrenheit can be maintained for any length of time. A temperature of 344 degrees Fahrenheit has been reached; but above 250 degrees there is danger of scorching the clothing, and there is no necessity for a higher degree of heat. "The temperature at which infectious matter is rendered inert has lately been a subject of keen controversy, chiefly in relation to the temperature at which the vitality of living germs and minute infusorial creatures is destroyed. The late Dr. Henry, of Manchester, demonstrated experimentally that the vitality of vaccine matter is destroyed at a temperature of 140 degrees Fahrenheit, and that the virus of scarlet fever is inert after being exposed to a heat 204 degrees Fahrenheit; but some of the lower organisms appear to be more tenacious of life, for, according to Dr. Crace Calvert, the common vibrio will bear a temperature of nearly 300 degrees, and his black vibrio, which appears to be a very salamander of animalcules, is not killed by a heat of less than 400 degrees Fahrenheit. After a long investigation, however, before the Académie des Sciences of Paris, it was unanimously agreed by all parties to the controversy of spontaneous genesis, that none of the lower organisms or their germs would resist in air a temperature of 130 degrees C. (= 266 degrees Fahrenheit), and in liquid a temperature of 110 degrees C. (= 230 degrees Fahrenheit). This, indeed, was the temperature fixed by Pasteur himself, although many of the members thought that 100 degrees C. (= 212 degrees Fahrenheit) was sufficiently high to destroy all vitality. In most cases, in fact, a temperature of

180 degrees Fahrenheit is sufficient to destroy infusorial life, for that will coagulate albumen, of which they are made. Assuming, however, that it is desirable to use as high a temperature as possible for disinfection, it is important to know what is the effect of heat on textile fabrics. Up to a temperature of 250 degrees Fahrenheit most of these fabrics are unchanged, unless the exposure is maintained for many hours, when they become discolored and slightly brittle. Above this temperature the change is more marked, and with a dry heat of 300 degrees Fahrenheit cotton fabrics are slightly charred, and, therefore, spoilt. At 400 degrees they become dark brown, and crumble into powder when rubbed. At 500 degrees gaseous hydrocarbons are produced, and at 600 degrees all vegetable and animal tissues are converted into charcoal, with the evolution of empyreumatic oil and gas. It would seem, therefore, that, for practical purposes, a heat of 250 degrees, aided by a jet of steam, for the purpose of diffusing the temperature and helping its action, may be safely applied to textile fabrics."*

In using the chamber, care must be taken that none of the articles are in contact with the walls or floor. Small articles are placed upon a wire grating; mattresses and more bulky articles are suspended from the ceiling by means of clips composed of iron rods.

The introduction of the disinfecting apparatus supplies a want that has long been a source of embarrassment. Not only is such an establishment needed for the proper treatment of the clothing of patients, and articles in use at the hospital, which cannot be thoroughly disinfected by the ordinary process of washing, but it is also of great service in the management of clothing, beds, bedding, etc., sent to the hospital for the express purpose of disinfection. Heretofore it has been necessary to burn many articles which might otherwise have been preserved and returned.

To prevent the spreading of contagion, the patients, before leaving the hospital, are compelled to take a bath and are then supplied with non-infected clothing.

* The Right Use of Disinfectants, by Dr. H. Letheby, London.

As a public health measure it is important that greater facilities for disinfecting articles of clothing, etc., be provided for citizens, and for this object one or more disinfecting chambers should be established in other parts of the city. The charges could be regulated so as simply to cover the expense, or the work might be done gratuitously, for the same reason that vaccination is offered to the people free of charge.

The buildings and property at the hospital are in good condition; few repairs have been required during the year.

PUBLIC VACCINATION.

No changes have been made in the system of public vaccination. The public vaccinators canvass their respective districts and offer gratuitous vaccination to all who will accept it. Whenever a case of small-pox is reported a special canvass is made in the locality, and the people warned of the danger. Under such circumstances less opposition is encountered. But excuses for a refusal to have the operation performed, or for its postponement, are very frequently offered, and there is no authority to compel submission.

The number of successful operations performed during the year 1875 amounted to nine thousand three hundred and thirty-eight (9,338), an increase of two thousand one hundred and fifty-one (2,151) over the number reported for the preceding year, and a considerable increase over the average number for the past fifteen years. Yet, considering the population of the city, this number is not what it should be. The greatest number of cases of small-pox were reported during the last quarter of the year, and during this period about half of the vaccinations were performed, as will be seen from the following table:

Exhibit of the number of cases of successful vaccination returned during the year 1875.

Districts.	Physicians.	1st quarter.	2d quarter.	3d quarter.	4th quarter.	Total.
First	J. T. Williams		507	54	186	747
Second	H. F. Baxter	36	263	174	951	1,418
Third	J. C. Wilson				98	98
Third	J. G. Allen		279		197	476
Fourth	W. M. McAlarney		112		69	181
Fourth	Thomas Blackwood	60				60
Fourth	C. A. Groff				136	136
Fifth	John Ivison		286		90	376
Fifth	Charles Stokes	121			390	511
Sixth	S. N. Troth	292		208	584	1,084
Sixth	T. V. Crandall			90	390	480
Seventh	J. L. Rihl	204	159	190	210	763
Eighth	John C. Hall			450	244	694
Eighth	J. H. Evans	43	119	41	268	471
Eighth	Edward Jones	19				19
Ninth	Wm. C. Todd		111		103	214
Tenth	Elisha Crowell	125	378	356	549	1,408
Eleventh	R. W. Deaver				202	202
	Total	894	2,214	1,563	4,667	9,338

The following table exhibits the number of successful vaccinations performed in each year, from 1860 to 1875 inclusive; also, the average number for these years.

Years.	Cases.	Years.	Cases.
1860	5,313	1869	6,650
1861	9,251	1870	7,190
1862	4,026	1871	30,526
1863	4,028	1872	18,198
1864	4,809	1873	5,685
1865	5,652	1874	7,187
1866	3,556	1875	9,338
1867	6,189	1860–1875	8,300
1868	5,207		

WATER SUPPLY.

Since the publication of our last report, a Commission has been appointed, by authority of Councils, to investigate and report upon the subject of the present and future water supply of the city of Philadelphia, a course which we have repeatedly recommended as the most expedient for solving a much vexed problem. The gentlemen selected upon recommendation of the Franklin Institute to form the Commission have completed their arduous labors, and have presented their views to Councils in a report* full of interesting matter. A large portion of the report is taken up with a history and description of the works and a discussion upon the subject of the future water supply of the city and a description of the most feasible plans. The opinions of experienced chemists in regard to the quality of the water and the probable future contamination, founded upon repeated analyses, are furnished at considerable length. As this part of the subject is of the greatest importance in its relation to the public health, we shall make the following quotations of the views and recommendations of the Commission in regard to it.

*Report on the Water Supply for the City of Philadelphia, made by the Commission of Engineers appointed by the Mayor under the Ordinance of Councils, approved June 8, 1875.

"For many years, and to within a recent period, the Schuylkill water has been remarkably pure and wholesome; but it has been impaired by impurities, accompanying the growth of population and the extension of industries.

"The contamination of this stream is not alarming, yet it is believed that unless a remedy be applied it will ultimately be rendered unfit for domestic uses.

"The principal causes of deterioration are, the sulphuric acid from the coal mines, and the refuse and sewage from population and from the numerous manufactories which drain into the Fairmount pool."

* "So far nothing of consequence has been done to improve the quality of the water, except to construct a sewer on the west side of the river to drain that portion of the city, and to keep the sewage from the Fairmount pool; although the means for furnishing greater quantities of water have kept pace with the rapidly increasing requirements.

"Several measures have been proposed as preventives, palliatives, or remedies, but little has been carried into effect except the sewer on the west side of the river; the inflow of polluting matter still continues, being steadily augmented in volume, as the city grows, and even in a greater ratio.

"The most prominent and the most effectual remedy hitherto advocated, is by an intercepting sewer, from the upper end of Manayunk to tide water, below the Fairmount Dam.

"The construction of this sewer was recommended by a committee of the Park Commission, in October, 1867.

"In October, 1868, a report was made upon the subject, by Mr. John D. Estabrook, Engineer, addressed to John C. Cresson, Chief Engineer of the Park. In March, 1870, another report

*In this statement the fact has been omitted, that, by the purchase of hundreds of acres of land on both sides of the river for park purposes, the encroachments of the population upon the river have been prevented, and a permanent barrier has thus been formed against what would otherwise have been a very formidable source of pollution. Moreover, the Park Commission have had removed a large number of establishments, the sewage from which formerly flowed into the river.

was made upon the same subject by Mr. Estabrook, giving full details of the location and plan of the sewer, which was to be of seven feet diameter, and the cost was estimated to be about one million of dollars. If built it would no doubt tend greatly to improve the quality of the water in the Fairmount pool.

"If not built there remains another way of securing, for a number of years, a water for the pumps purer than that now supplied from the Fairmount pool, namely, by a *conduit* from the Flat Rock pool, leading to the pumps at Belmont, Spring Garden, and Fairmount.

"We believe that the water of Flat Rock pool, at this time, is much more free from impurities than that of the Fairmount pool, and that for an undetermined number of years it may be used.

"This conduit need not be quite so large as the sewer proposed in the last report by Mr. Estabrook.

"If made 6½ feet in diameter, the proposed conduit, with the available fall, would furnish 70,000,000 gallons per day. This would be so much drawn from the water-power of Flat Rock pool.

"In case the city shall decide not to build the sewer, we would recommend the immediate construction of the conduit, which would cost about the same as the sewer, namely, one million of dollars.

"In case of the construction of this conduit, it would reduce the water-power of Flat Rock Dam, that may now be leased, about 28 per cent., during the dry season, rendering the leasing of the same by the city less advantageous.

"It is also to be borne in mind, that the city would probably be required to compensate the Reading Railroad Company for the water to be abstracted, or to furnish an equal quantity by means of compensating reservoirs."

The above recommendations are among those considered by the Commission as relating to the immediate requirements of the city. As there will necessarily be considerable delay in building an intercepting sewer, they advise that "the discharge from the

breweries and the sewage in the vicinity of the Spring Garden Works should receive immediate attention."

The building of an intercepting sewer from above Manayunk to tidewater, is decidedly the preferable plan. The Fairmount pool is situated almost wholly within the grounds of the Park, and consequently will be protected from contamination, except from sewage and refuse matters discharged into it by sewers and drains. The pollution of the water from this source would be entirely prevented by the building of the intercepting sewer. There are sanitary advantages to be gained by the construction of such a sewer, independent from those which must result from the improvement in the quality of the water to be used for domestic purposes. The Schuylkill River, flowing as it does through the city, should be prevented from being fouled by sewage, even should the water not be used for drinking purposes. The moderate volume of water and gentle current favor a deposition of the organic constituents of the sewage, which undergo decomposition, and evolve poisonous gases. This would be more likely to occur in the Summer season, when the receding of the water from the banks would leave a filth-sodden surface exposed to the solar rays.

The intercepting sewer (on each side of the river) could be continued to a point below the city, where it might empty into the mouth of the Schuylkill or the greater waters of the Delaware, only at the ebbing of the tide, if possible. The Schuylkill below the dam would then be purged of its foulness, and a nuisance which is becoming worse every day would thus be effectually abated. In the course of time works might be erected at the termination of the intercepting sewers on the Delaware, where the sewage could be purified and utilized, and the effluent water, deprived of its impurities, discharged into the river without producing any injurious effects. Because we cannot keep all sewage out of the Schuylkill River is no reason why we should not keep as much out as possible, the most dangerous influx being within city limits, and therefore within city control.

To return to the main subject; the opinion is unanimous that

"the discharge from the breweries and the sewage in the vicinity of the Spring Garden Water Works should receive immediate attention." Especially in the dry season is the danger from this source of contamination of a very threatening character, and we therefore cannot too earnestly recommend that immediate measures be taken to divert the out-flow of this sewer in another direction, even if a temporary resort to pumping be necessitated.

The Commission say in regard to the Kensington Works, that "as a speedy means of improving the quality of the water now supplied from the Delaware, we recommend the extension of the inlet pipe." Although we do not believe that water drawn from this source can be rendered safe for domestic use by any plan whatsoever, its quality may be materially improved; and any measure having this object in view should be promptly adopted, since it will be some time before the completion of the new works intended to be substituted for those at Kensington.

In our comments upon the subject of the water-supply of Philadelphia, we wish it understood that we are influenced solely by the firm conviction that its purity is indispensable to the preservation of the public health, and therefore should be maintained at whatever expense. We do not wish to make comparisons with other places, or to console ourselves with the fact that other great cities are using waters infinitely more contaminated than those of our own rivers, or subscribe to the self-gratulatory assertion that every citizen should "be thankful if he could always enjoy as healthful and refreshing a beverage as Fairmount water." Nor on the other hand do we desire to speak disparagingly of natural advantages which few other cities enjoy, or reflect unjustly upon the reputation of the city. Our object is to guard the public health, by pointing out and insisting upon the removal of what we are satisfied from our own observation and knowledge, and from the investigations of experts, are injurious influences, and by urging the use of the best possible safeguards devised by skilled specialist, against evils which are growing day by day. Until this is done we shall not rest content.

TABLE Aa.—*Results of the Examination of Water from the River Schuylkill.*

By CHARLES M. CRESSON, M. D., Philadelphia.

FROM WHENCE OBTAINED.	Anal. No.	DATE.	AMMONIA.			Sewage.	Sulphuric Acid.	Chlorine.	REMARKS.
			Free.	Albumenoid.	From Nitr'tes.				
			POUNDS IN 1,000,000 U. S. GALLONS.						
1. Roxborough Inlet	1499	June 9, 1875	1.21	1.21	9.71	12.14	24.28	21.42	Very clear.
2. Heft & Ogle's Mills	1500	" 12, "	3.03	121.42	7.28	1214.28	285.71	20.00	Nearly black, with floating matter and odor of ink.*
3. Littlewood & Lancaster's Dye House.	1501	" 12, "	48.57	121.42	91.07	1214.28	582.85	285.71	Almost black and inky in appearance, and odor of ink.*
4. Manayunk Gas Works, river below, close to shore	1498	" 9, "	155.43	21.25	8.50	212.50	228.55	82.85	Comparatively clear, with very little floating matter, with strong odor of tar.†
5. Mouth of Wissahickon Creek	1497	" 9, "	4.61	4.85	12.14	48.57	14.28	20.00	Clear, with a few floating particles.
6. Dobson's Mill, River at outlet from	1496	" 9, "	48.57	206.42	29.14	2064.28	Trace.	388.57	Turbid, almost black, with sediment, and of a disgusting odor.*
7. Simpson's Mill, " " "	1495	" 9, "	9.71	7.28	4.85	72.85	297.14	24.28	Slightly turbid, with a few floating particles.
8. Belmont Forebay	1494	" 8, "	Trace.	1.21	3.15	12.14	197.14	15.71	Clear.
9. Spring Garden Forebay	1490	" 8, "	7.28	2.42	9.71	24.28	265.71	28.57	Clear, with floating particles.
10. Creek below Spring Garden Inlet	1493	" 8, "	60.71	78.92	23.07	789.28	Trace.	Trace.	Very offensive odor.*
11. Fairmount Forebay	1491	" 8, "	1.82	1.82	4.37	18.21	185.71	14.28	Clear, with suspended particles.

* Taken from drainage into the river, the volume of which drainage should be determined.

† This water contains also Sulphides and Sulphites corresponding in Sulphur to 188.59 lbs. of Sulphuric Acid, and when fully oxidized yields of Sulphuric Acid to 417.14 lbs. to 1,000,000 U. S. gallons.

PUBLIC BATHS.

No provision has yet been made by Councils for the establishment of public baths, although the importance of such action, as a sanitary measure, has been urged year after year. The establishment of public baths, at several convenient places on our rivers, would tend very materially to diminish the death-rate in the hot season, and would furnish a healthful and invigorating exercise to thousands of our citizens who would otherwise be deprived of this luxury. As it is, the ordinance of the city prohibiting bathing in the rivers is constantly violated by those who cannot resist the cravings of nature, and the result is a very considerable loss of life by drowning. All this would be prevented, were suitable conveniences for bathing provided and thrown open to the public. Baths have been established in the Schuylkill near Fairmount and in the Alaska Street District by private enterprise, and these have been extensively patronized, but the facilities here offered are not extensive enough, nor of the kind, to meet the wants of the public. It is earnestly urged, that, before another summer approaches, some definite action shall be taken by the city authorities for supplying ample facilities for bathing in our rivers.

NUISANCES.

One of the most important and onerous functions of the Board of Health is the searching out, investigation, and abatement of nuisances. During the year 1875, no less than five thousand seven hundred and five (5,705) nuisances of different kinds were reported and acted upon. The principal subjects of complaint were full, leaky, and foul privy-wells (2,243), filthy cellars (901), filthy alleys and courts (450), filthy yards (406), filthy vacant lots (224), leaky hydrants and drain-pipes (282), and defective and filthy streets and gutters (208). Seventeen (17) bone-boiling and fat-rendering establishments were reported as being conducted in a manner prejudicial to public health, and appropriate action taken thereon. No less than one hundred and twenty-six (126) filthy rooms and houses, forty-three (43)

foul and leaky water-closets, and ninety-seven (97) ponds of stagnant water were declared nuisances, and the orders issued for the abatement of the same were carried out by the property owners, or enforced by the Board at their expense. Action was required in the cases of four (4) dye-houses, fifty-one (51) slaughter-houses, fifty-six (56) filthy horse and cow stables, and ninety-two (92) filthy manure-pits. The two hundred and sixty-seven (267) cases of a miscellaneous class include a number of offensive industrial establishments.

In a city having one hundred and forty-three thousand (143,000) dwellings, the work of house-to-house inspection would be a gigantic and most expensive undertaking, but such work is not entirely neglected. It is the custom to have such a visitation of the sickly and most densely crowded parts of the city made before the opening of the warm season, so that all nuisances may be brought to light, and proper sanitary measures instituted. The Alaska Street District always claims a very considerable share of these inspections.

A great improvement in the sanitary administration of Philadelphia would be brought about, if the city were divided into sanitary districts, each under the special care of a properly qualified medical inspector, whose duty it would be to make himself familiar, by frequent surveys, with the topography of the district, the streets, alleys, dwellings, and drainage; the kinds of trades and manufacturing establishments conducted, and the social and physical status of the inhabitants; in fact, with everything pertaining to the sanitary condition of the locality, so that all defects might be pointed out, and the remedies intelligently applied. Such knowledge would be most advantageous in the investigation of the causes of disease, and in preventing and combatting epidemic outbreaks. A thoroughly efficient administration of a health department must be inquisitive and searching. It is not sufficient to depend upon the voluntary information of citizens for knowledge of the existence of a nuisance, though citizens can be of great service in this way. Incessant and searching, systematic inspection is necessary to accomplish satisfactory re-

sults. The health officials should be masters of the situation. They should be argus-eyed, always on the alert, in order to prevent the growth of evils which would otherwise only be brought to their notice after they had obtained considerable magnitude, and become vastly more unmanageable than at their inception. Modern state medicine is *preventive* medicine, and though its administration may appear to some to be costly, because they do not see the evils which have been averted —made up as they are of disease, suffering, death, and cost of treasure; to those of better judgment, who have made the subject a careful study, it is known to be true economy, a saving in the end of a vast amount of money, not to speak of the prevention of suffering and loss of life, which are the best of its results. This conclusion is founded upon experience, and cannot be gainsaid. The improvement above suggested in regard to systematic medical inspection, we deem of great importance, but it will involve additional expense. In view of what has just been said, however, such expense must appear reasonable and necessary, and cannot properly be objected to.

The following table exhibits the number and character of the nuisances reported, and acted upon by the Board of Health, during the year 1875.

DESCRIPTION.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.	TOTAL.
Alleys and Courts, filthy	4	5	24	64	59	63	71	45	56	29	20	10	450
Bone-boiling and fat-rendering establishments	.....	.....	1	.....	1	3	5	7	.....	.....	.....	.....	17
Cellars, filthy	9	47	112	160	77	65	114	87	97	32	54	47	901
Dye-houses, filthy	1	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	4
Gutters and streets, filthy and defective	.....	.....	4	16	10	32	40	45	29	15	13	4	208
Houses and rooms, filthy	2	1	5	51	2	11	15	13	6	.....	10	10	126
Hogs and filthy pens	.....	.....	1	2	3	9	8	19	20	4	1	.....	67
Horse and cow stables, filthy	.....	.....	2	12	4	7	4	12	7	4	1	3	56
Hydrants and drain-pipes, leaky	5	7	11	80	13	30	17	33	26	26	20	14	282
Manure pits, filthy	3	4	4	12	17	14	11	12	6	1	4	4	92
Privy wells, full	32	45	76	313	182	196	242	246	157	89	96	82	1,756
" " leaky	9	14	17	26	37	31	41	56	35	21	13	16	316
" " foul	3	2	4	14	15	14	38	25	19	14	11	12	171
Ponds of stagnant water	.....	.....	8	10	6	14	13	32	12	.....	.....	2	97
Slaughter-houses, filthy	.....	3	1	3	3	7	12	7	10	3	1	1	51
Water-closets, foul and leaky	3	.....	2	2	4	2	5	5	3	6	4	7	43
Water-courses, defective	6	15	12	34	10	22	9	15	18	10	14	6	171
Vacant lots, filthy	.....	.....	11	33	39	32	35	26	27	6	8	7	224
Yards, filthy	1	5	40	119	29	40	38	64	34	11	16	9	406
Miscellaneous	3	6	18	34	19	33	49	52	35	7	5	6	267
Total	81	154	353	985	531	625	767	801	599	278	291	240	5,705

BONE-BOILING AND FAT-RENDERING.

A number of bone-boiling and fat-rendering establishments have been abolished during the year, on account of the offensive manner in which the business was conducted. In many instances the work is carried on in the most careless manner, no precautions being taken to destroy the offensive odors, which are discharged into the surrounding atmosphere. If fresh material were always used, and the best of appliances employed, such nuisances would be prevented. But the material is generally collected from different parts of the city, and frequently after considerable delay, so that, in warm weather, decomposition has already commenced. The storage of this material previous to the operation of boiling, although this process may be conducted in the most unobjectionable manner, creates a nuisance justly complained of. The remedy consists in the removal of all such establishments from the built-up portions of the city, and the rapid disposal of the material as soon as collected, by methods which have recently been tested with satisfactory results.

The apparatus of Dr. Craven, in use in this city, is very complete and efficient. It consists of a steam-tight boiler, surrounded with a steam space of three inches in diameter, in which the process is conducted either by the direct application of steam or by transmitted heat, without any escape of the gases. No flue is necessary except for the furnace fire. After the boiling has been completed, the water is drawn out from the tank, and may be disinfected, if necessary, and discharged into the sewer.

Another plan is by "contrivances for conveying the foul gases first through scrubbers or condensers, and then into the back part of the ash-pit of the furnace fire. In this way moisture and other condensable matters are removed, and the residual gases and vapors are consumed by the glowing fire through which they must pass before they reach the chimney shaft. By carrying the vapors to the back of the ash-pit of the furnace we insure combustion, for when the ash-pit door is closed (as it ought to be) the draft is so powerful that it draws the vapors from the chambers or boilers in which they are generated, and forces them through

WEST PHILADELPHIA STOCK YARDS AND ABATTOIR.

the furnace fire." Where methods have been devised to prevent these processes from becoming a nuisance their adoption should be insisted upon. When these necessary precautions are neglected or ignored, the manufacturer should be compelled to remove his business to some other locality. Certainly every citizen should have the right to breathe pure air, and he should be protected in this right, and whoever adulterates it to any appreciable extent should be indicted for the offence, and brought to justice.

SLAUGHTER-HOUSES.

Until very recently the slaughtering of cattle for the markets of Philadelphia has been conducted exclusively in private slaughter-houses. These are numerous, and are situated in all parts of the city. Even the thickly populated districts are not entirely exempt from these establishments. There is no law restricting their location within certain defined boundary lines. In the choice of locality private interests are alone consulted, and the manner of conducting the business is subject to private direction, provided the rules and regulations prescribed by the health authorities are not violated, and no nuisance is created. While the premises are occasionally inspected, there is no systematic inspection of cattle before and after being slaughtered. On account of the large number of these establishments, their widely separated localities, and the irregular and unsystematic methods of conducting the business, satisfactory inspection is an impossibility; hence nuisances arise, particularly in the Summer season, which, after being corrected, may and do recur, from radical defects in the premises and absence or non-observance of proper regulations.

There are many private slaughter-houses in the populated parts of the city, which, on account of the locality, are nuisances, and will remain nuisances in spite of all remedies used for their improvement, and no matter how well they may be conducted. The driving of cattle through the crowded streets, the stabling of the cattle, the tardy removal of refuse and putrescible matters, the defiling of the drains by blood

and even solid substances,—are powerful objections against the location of any slaughter-house in a compactly built and densely populated neighborhood. Meat prepared in such places is liable to become tainted on account of the want of free ventilation, and the absence of facilities for most scrupulous cleanliness. There can be no doubt that all private slaughter-houses located and conducted as above described, should be abolished after due notice,—a measure which the Board feel obliged to enforce in the interest of the health and welfare of the community. Until the present time such action, although necessary, might have been deemed harsh, arbitrary, and premature. But since the most liberal and complete provisions have been made in the public slaughter-house recently completed in West Philadelphia, for all who chose to avail themselves of them, no valid objection, nor reasonable opposition can be made against this contemplated procedure of the Health Board. Ignoring the question of public health, which is the one of paramount importance, on the ground of economy alone the change will be exceedingly advantageous.

"Whether on the ground of public health or on that of economy," says a recent writer, "there can be no question of the superiority of public *abattoirs* over private slaughter-houses—a superiority acknowledged and acted upon in Paris as long ago as 1810." This is a well-established fact which has been appreciated, accepted, and corroborated by a number of the large cities of this country. Boston, New York, Chicago, and New Orleans may be mentioned among the cities which now have *abattoirs* in successful and satisfactory operation, and the experience of these cities might be detailed if it were necessary to furnish fresh proof of the manifold advantages which the improved system of slaughtering possesses. This city has not been unmindful of the benefits to be derived from the inauguration of such a reform, but not until recently has the opportunity been presented. In 1873, the Board of Health, in their annual report, pointed out the urgent necessity for the establishment of communal *abattoirs*, and the gradual abolishment of the numerous ill-managed private slaughter-houses. Subsequently, a movement was set on foot, having in view the consummation of this most desirable

object. In 1875, after considerable opposition arising solely from objections to the site selected, the Herculean work of preparing the grounds for the present *abattoir* in West Philadelphia was commenced, and pushed forward with energy to the close of the year. By the early part of 1876, the buildings were sufficiently completed to be occupied, and the work of storing and slaughtering cattle has been in successful operation ever since. By the middle of the year, it is expected everything will be in perfect order, and Philadelphia will then be able to boast of having one of the most thoroughly equipped, commodious, and complete cattle yards and abattoirs in the world. This great scheme was projected and carried into effect by the Pennsylvania Railroad Company, and furnishes another evidence of the ability, energy, and progressive spirit of that great corporation.

The location of the new stock-yards and abattoir is on the west side of the Schuylkill River, a few hundred feet north of Market Street. It is bounded on the north by Vine Street, on the south by Arch Street, on the east by the river, and on the west by Thirtieth Street. Some idea of the magnitude of the establishment may be formed from the statement that the grounds occupy an area of twenty-one acres. The advantages and facilities afforded by the location are unsurpassed. It is central, yet, to a considerable extent, isolated by the river and the extensive grounds of the Pennsylvania Railroad Company. In the rear, or along the west side of the premises, there is a railway track from which cattle are discharged. The track is so depressed as to bring the deck or platform upon the level of the storage pens. A railway track is also run eastward from this line, for the delivery of sheep and hogs to that part of the premises set apart for these animals. This entire enclosure is laid out in streets, substantially paved with Belgian blocks, and lighted with gas.

For the storage of cattle, there are 172 pens. These enclosures are plain frame structures, partly covered, in order to protect the animals from sun and storm, and are paved with granite blocks, and so graded as to secure quick and complete drainage.

Each apartment is provided with feed- and water-troughs. The telegraph anticipates the arrival of each train of animals, thus enabling the superintendent to designate and prepare the apartments for their occupancy, with the required rations of forage and supply of water, so that they are, on their arrival, at once made comfortable by food and rest after their long journey. This department has a capacity for the comfortable storage of seven thousand head of cattle, and is provided with all the necessary requirements, as hydrants, fire plugs, and hose, in order to insure safety, comfort, and cleanliness.

The enclosures for the storage of sheep occupy the northern end of the premises. They consist of two frame structures, 350 feet by 130 feet, covered with a gravel roof, and provided with a granite pavement. These buildings are divided into compartments and pens for wholesale and retail storage, and have the necessary scale enclosures. Streets and alleys divide the premises at convenient distances. Each storage pen is provided with a rack for fodder, and troughs for water. The entire division affords capacity for the comfortable storage of ten thousand sheep.

The hog department is just east of the sheep enclosure. Every provision has been made to ensure cleanliness and facilitate the thorough renovation of this part of the establishment, and at the same time preserve ventilation and the free circulation of air. The roof of the building is supported by wrought-iron columns, and light iron railings are used in making the sub-divisions. The wide openings at the sides admit a free current of air. Another important feature, from a sanitary point of view, is the means devised for securing thorough drainage. For this object the floors are laid with Belgian blocks grouted in cement, and slightly inclined from either side toward a central depression, along which fresh water constantly flows, thus providing against the possibility of offensive accumulations. These animals are also provided with all the comforts of food, water, etc. This section of the yard is likewise laid out with streets, lanes, and passage-ways, and is divided into large and small enclosures for general and special storage, and is provided with scales and all the necessary conveniences for the accommodation of buyers and sellers.

Centrally located, and upon one of the broader avenues, is the office and exchange building. This is a brick structure, two stories high, and 100 feet long by 40 feet in breadth. The lower floor is divided into telegraph, post, and business offices. On market days this building presents all the activity of the stock or gold exchange.

Close adjoining the exchange building is a range of offices for the use of the dealers in sheep and hogs.

There is a brick stable upon the premises, 31 feet by 115 feet, for the storage and sale of horses.

Immediately adjoining these buildings is a covered enclosure for the accommodation of five hundred cows and calves. This enclosure is also well paved and drained, and provided with all the conveniences for watering and feeding the animals. Large platform scales for weighing the stock are situated at convenient localities about the premises.

The most important and interesting feature of this vast establishment is the *abattoir*. This highly ornamental brick building has a frontage on the river of 110 feet, and runs back 195 feet. The nature of the ground rendered it necessary to lay the base of the foundation upon heavy timbers and concrete, upon which stone masonry is built up to the level of the ground. Above this the walls are of brick. The main floor (which is four feet above the level of the ground) is supported by cast-iron columns. The roof is supported by two rows of wrought-iron columns which divide the building into a central aisle, 50 feet in width, and two side aisles, each 30 feet in width. The central aisle is open to a height of 40 feet, to the eaves, and is covered by an arch roof, erected on a new principle of construction that previously has seldom been used, the rafters being cut to the curve of equilibrium for a uniform load. The side aisles have a height of 20 feet to the square, and the rafters have also base curvatures. The building is provided, along its sides, with a series of doors, 6 feet wide and 15 feet apart, to allow of the loading of the meat into wagons. Over each of these doors is a transom for the admission of air and light. The centre aisle has a

large clear window which can be opened and closed, and also a ridge-roof ventilation. The great essentials of light and air are thus provided for. The basement, eleven feet in depth, extends under the whole building. The main and basement floors are covered with Philbert's patent asphaltum pavement, four inches thick, and sloped so as to insure perfect drainage. The upper or main floors are used exclusively for the slaughtering of cattle. On each side of the middle aisle, and immediately adjoining it, is a range of pens enclosed by an iron pipe railing, which are provided with gates opening upon the centre aisle, and with sliding doors opening toward the slaughtering bed, or floor. The cattle are driven from the stock yards through a door in the end of the building, which opens into the centre aisle, and from thence into the slaughtering pens. Along the outside of these pens, running the entire length of the building, is the slaughtering floor, which is laid with heavy yellow pine planks and caulked in the same manner as a ship's deck. Opposite each slaughtering pen are the apparatus (all of the most approved patterns) for hoisting the carcasses, and a range of baulks or beams for the hanging of the dressed beef. Each slaughtering division is provided with hose, and hot and cold water for the use of the butchers. Men are in constant attendance upon the butchers, whose duty it is to catch the blood, and to immediately remove it and the refuse to that part of the building used for the utilization of these substances. This vast slaughtering floor has a capacity for killing and dressing 1,200 oxen per day. For the comfortable heating of the building in winter, a range of steam pipes has been placed against the outer walls between each of the doors.

The basement of the west end of the building is arranged for the slaughtering of sheep. A range of elevated pens has been erected, which are enclosed by an ornamented wire fence supported by cast-iron posts, and provided with a floor of stone flagging. Running along the front of these pens is a stone table with a galvanized iron gutter immediately beneath it, for the slaughtering of the sheep and the gathering of the blood. The

space occupied by the butchers in this apartment is paved with cement; it is open, roomy, and light, and has a capacity for the slaughtering and hanging up of the carcasses of 3,000 sheep.

The east end of the basement, or lower story (for at the end next to the river the floor is level with the surface of the ground), is occupied by the engine and boiler room, and by the apparatus used for the rendering of the tallow and the utilization of the blood and the other animal matters. Here are placed the boilers of one hundred-horse steam capacity, and an engine of sixty-horse power.

The most interesting and novel feature of the machinery department, however, is the apparatus for rendering tallow and utilizing refuse. Placed upon pillars are two horizontal cylindrical tanks, or boilers, 5 feet in diameter and 15 feet long. These tanks have each 3 sixteen-inch openings, or manholes; two in the upper, and one in the lower side. They are elevated so that the upper openings in each of these tanks are on the level of the upper or cattle slaughtering floors. In each of these tanks, there is a shaft provided with radial arms and a broad bar running along the inner walls of the vessel. The shaft passes through the end of the tank, and is provided with a stuffing box, and, at the end, with a gear wheel which is connected by a shaft, belt, and pinions, with the engine. The tanks are jacketed, or surrounded with a steam space of three inches in width.

As soon as the slaughtering is finished each day, the rough fat is carried in trucks and placed in one of these tanks; steam is then passed into the surrounding space, and in four hours the tallow is rendered from the tissue. Water is then introduced into the bottom of the vessel, the melted tallow elevated and passed through a dome in the top, and from thence through a pipe, and carried some fifty feet into the centre of the basement to the necessary vat, from whence, after settling and cooling sufficiently, it is run into casks or commercial packages. In the pipe used for decanting the tallow, there is a glass section that brings to the view of the person in charge the exact condition of the material passing over, thus enabling him to determine the moment of the displacement of the tallow. When all of this product is dis-

charged, the water is drawn out from the tank through a large pipe at its base, and carried to the bottom of the river. As soon as the water is run off, the refuse of the slaughtering floor is put into the tank and subjected to the rendering process, and all the fatty matter extracted therefrom, in the same way as the first. The water is then run off, and the blood accumulated during the day is put into the vessel with the refuse resulting from the two rendering processes ; the tank is closed up, steam turned in the jacket, the shaft and arms put into motion, and the process of drying commenced. The steam generated by the heated walls passes from the tank through a four-inch pipe, and is delivered at the bottom of the river, thus thoroughly condensed and rendered harmless. The animal matter is thus dried, and, by the constant heating of the revolving arms, rendered pulverulent. As it is poured out of the apparatus it has the consistency, dryness, and appearance of ground coffee, and, strange to say, these several operations are performed with this machine without a breath of odor, and without any of the noxious emanations that have always accompanied these operations, thus rendering the tallow and turning the residuum known as scraps, together with the blood, into a useful and profitable product, without offence. This apparatus is the invention of Dr. J. J. Craven, of Jersey City, who has given his attention, since the war, to improving the sanitary condition of slaughtering establishments, and the utilization of animal matter. This apparatus, together with the engine and boiler, was constructed and erected under the supervision of Dr. Craven, by the People's Iron Works of Philadelphia, and in design and workmanship reflects credit on the inventor and builder. The abattoir lately established at the foot of Thirty-fourth Street, New York, is provided with the Craven apparatus, and has been under the inspection of the Health Board of that city, and recommended and approved by them.

The *abattoir* at West Philadelphia was designed and constructed under the superintendence of Messrs. Wilson and Thorn, and presents a tasteful appearance. The whole arrangement of grounds and buildings has been under the supervision of the

Philadelphia Stock Yard Company, who, by their constant efforts and attention, have endeavored, and succeeded, in erecting an establishment that embraces all the improvements that modern science has developed, and, for neatness, convenience, and safety, is not surpassed in this or in any other country.

INTRA-MURAL INTERMENTS.

The discussion of the subject of the disposal of the dead has been revived within a few years, and continued with unflagging interest and marked ability in Great Britain and on the Continent. In this country the subject has also attracted a considerable amount of attention. The disadvantages and evils resulting from the common and almost universal mode of disposing of the dead, especially in large towns and cities, have given rise to the enquiry as to whether some other mode might not be adopted, which could be recommended for its simplicity, economy, and harmony with a strict construction of sanitary law, without violating the reverence and feelings of respect we owe to the dead. Cremation and even aquation have been proposed, but the former mode only has been seriously contemplated and earnestly advocated by men of learning and high standing in the scientific world. Indeed, so earnestly has the subject been pursued, as already to have led to practical results, and in more than one city in Europe the necessary appliances for conducting the process have been provided, and have actually been brought into limited use. We mention these facts, not with any view of recommending, as applicable to our own city, so radical a change in a custom which our citizens will doubtless most tenaciously adhere to, as being linked with the most sacred memories of the past, in spite of the adverse testimony of some of the ablest men; but to show that there is a growing disposition to substitute some other mode for that now practiced, because, more especially in larger cities, it is unsatisfactory and attended with evil results, not the least among which is the danger to the public health.

Far back in the ancient times, intra-mural interments were interdicted, and all burials were required to be made without the

walls of the city. Then the ordinary wisdom of man dictated, and enforced the observance of, a most important hygienic law. Ages roll on, and the most wonderful advancements are made in the Arts and Sciences; but it is reserved for the nineteenth century to out-rival all its predecessors in the magnitude and grandeur of its achievements. But is this boasted civilization a verity? Certainly not in some respects. It is humiliating to be obliged to look about for proof, and still more so, to find it. This proof will be at once apparent if we enquire into the present manner of disposing of the dead. In the large cities of Europe, particularly London, the practice of inhumation within populated districts has been carried to such an extent, and the evils therefrom have been so serious, as to require the appointment of commissions to investigate the matter, and devise some plan by which to avert further injurious consequences. In our own country, burial-grounds may be found in populated districts in most of our large cities, and the use of these grounds, in many cases, still continues. And this brings us to the subject in which we are most interested, namely, the injudicious and injurious practice of burial within the built-up portions of our own city, and the course to be taken, and the measures necessary to put an end to it. The growth of the city has been so rapid and the boundaries have extended so widely, that burial-grounds formerly located some distance out of town, are now surrounded by populated neighborhoods. But this cannot be said of all burial-grounds in the city, since some of them must have been, when first laid out, in close proximity to the populated parts; and others not sufficiently remote to escape from the encroachments of the population at no distant period. At the present day some of the large and more modern cemeteries, which were considered, when planned, to be beyond the limits of the future growth of the city, are being rapidly approached by solid blocks of buildings, and, at the present rate of improvement, the time is not far distant when they will be encircled by habitations. Already, in obedience to popular demand and convenience, streets have been cut through some of these places, but the right to proceed in this action was at first

denied and stoutly resisted. Whether or not these cemeteries will in time cease to be used, remains to be seen.

Through the shortsightedness of our legislators, and our own blindness, the burial-ground corporations have been unwisely endowed with certain rights and privileges which are now the great obstacles in the way of any action having for its object the abandonment of these intra-mural grounds for the purposes of burial. There are so many opposing interests at stake, supported by powerful influence, that nothing short of legislative interference can accomplish the desired result; and even should the effort be made, on the ground of public health, to revoke the charters and forbid further interments, the result would be doubtful, since powerful influence would be brought to bear in the legislative chambers against any measures of interference. In the meantime the pernicious practice still continues, and to what extent will be seen by a glance at the table furnished below. The whole number of interments registered as having been made in the burial-grounds within populated districts amounts to three thousand eight hundred and seventy-five (3,875). It should be remarked, however, that many of these should not be strictly classed as interments, the bodies having been temporarily placed in vaults connected with the burial-grounds or chapels, and after a limited time removed to rural grounds. No separate record is kept of such removals, and therefore it is not possible, without a great deal of search, to isolate them from the actual interments. A deduction of about 10 per cent. will probably represent these removals, leaving 3,487 as the actual number of interments in city grounds, or nearly one-fifth of all the interments occurring during the year.

To remedy the evil it will be necessary to memorialize the Legislature to repeal the acts of assembly granting certain rights and privileges to these corporations. This memorial will have to be accompanied with a clear and convincing proof of the necessity for discontinuing the practice, based upon experience and facts. To prepare this proof and collect the facts, and to obtain a knowledge of the authority under which the

various corporations claim the right to use these grounds for a specific purpose, and to advise the necessary course to pursue in each case, will involve a vast amount of toil and patient investigation. As at present constituted, no branch of our city government has the facilities at hand for properly carrying on such an enquiry, unless specially authorized by Councils: therefore, we would recommend the appointment of a special commission, in which the legal and medical professions should be represented, whose duty it shall be to investigate the subject carefully in all its details; to examine the charters and articles of corporation of the different companies, etc.; and to lay the results of their investigations before the Legislature in a report, containing the proper recommendations to be acted upon, which should be supported by the City Councils and the Board of Health. This commission should present themselves before the Legislature to advocate the measures recommended, and answer all inquiries and meet all objections advanced, and interest themselves in securing the needed legislation. We believe this course to be the most reasonable and effective, and, therefore, endorse it.

The following table furnishes the names of the burial grounds located within the built-up portions of the City, and the number of interments in each during the year:—

NAMES.	LOCATION.	Number of Interments
Lafayette	Federal, above Ninth Street	469
St. Joseph's	Eighth Street and Washington Ave	322
St. Peter's	Tioga and West Streets	315
Machpelah	Tenth Street and Washington Ave	310
Union	Sixth Street, below Washington Ave	284
Union, Kensington	Belgrade and Vienna Streets	232
Palmer	Palmer and Belgrade Streets	225
St. Ann's	Lehigh Avenue and Memphis	224
St. Michael's	Second and Jefferson Streets	183
Kensington, M. E. C	Hanover Street	165
Philanthropic	Passyunk Road and Seventh Street	161
St. Mary's	Passyunk Road and Seventh Street	119
Union	Tenth Street and Washington Ave	107
Wharton Street M. E. C	Wharton Street, below Fourth	97
Ronaldson's	Ninth and Shippen Streets	92
Ebenezer M. E. C	Christian Street, below Fourth	90
Hanover	Hanover Street	41
St. Paul's M. E. C	Christian Street, above Sixth	40
St. John's M. E. C	Third Street, above Beaver	39
Holy Trinity	Passyunk Road and Seventh Street	37
Mariner's Bethel	Washington Avenue	34
St. Mary's	South Fourth Street	33
Mutual Family	Washington Ave., ab. Ninth Street	21
Union Harmony	Hanover Street	19
Jewish	Federal Street, above Eleventh	19
St. Peter's P. E	Third and Pine Streets	18
Christ Church	Fifth and Arch Streets	17
Jewish	Arabella Street	17
Union, Wesleyan	Hanover Street	16
Salem Church	Fourth Street and Fairmount Ave	15
Trinity P. E	Catharine Street, above Second	14
Cohocksink Vault	Germantown Ave., below Fifth St	12
St. Augustine	Fourth Street, below Vine	11
All Saints P. E	Twelfth and Fitzwater Streets	10
Swedes P. E	Swanson Street, below Christian	10
Cumberland Street M. E. C	Cumberland and Coral Streets	8
Presbyterian	Fourth and Pine Streets	9
Presbyterian	Twelfth and Lombard Streets	5
Zion Church	Sixth and Thompson Streets	4
Bible Christian	North Third Street	4
St. Andrew	Eighth Street, above Spruce	3
St. John's	Thirteenth Street, above Chestnut	3
Bethlehem Church	Howard Street	3
Mount Zion Church	Christian Street	2
First Presbyterian	Buttonwood Street, below Sixth	2
St. Paul's P. E	South Third Street, below Walnut	2
Friends'	Sixteenth and Race Streets	2
Church of Epiphany	Fifteenth and Chestnut Streets	2
Presbyterian	Twelfth and Walnut Streets	1
St. Stephen's P. E	Tenth Street, above Chestnut	1
St. Thomas' P. E	Fifth Street, below Walnut	1
St. James'	Third Street, below Columbia Ave	1
Jewish	Ninth and Spruce Streets	1
Howard Street Vault	Howard Street	1
Twenty first and Race	Twenty-first and Race Streets	1
Shippen and Tenth	Tenth and Shippen Streets	1
		3,875

Exhibit showing the number of permits to remove dead bodies, issued during the year 1875:

January,	48
February,	73
March,	167
April,	298
May,	395
June,	35
July,	12
August,	21
September,	24
October,	251
November,	172
December,	96
Total,	1,592

Exhibit showing the number of permits to clean privy wells, issued during the year 1875:

January,	119
February,	133
March,	351
April,	937
May,	1,490
June,	412
July,	386
August,	398
September,	246
October,	611
November,	387
December,	338
Total,	5,808

Exhibit showing the number of permits issued to unload fish, hides, and vegetables, from vessels, during quarantine season of 1875;

June, to ferry and steamboat companies, general permits for season, - - -	11
June, - - - - - -	22
July, - - - - - -	16
August, - - - - -	7
September, - - - - -	6
Total, - - - -	51

STREET CLEANING, ETC.

The new contracts for cleaning the streets, removing ashes, garbage, etc., for a period of three years, went into effect on the first of January, 1875. The entire cost for this work for the year, amounted to three hundred and forty-one thousand and seventeen dollars and seventy-three cents.

Pay of contractors for street cleaning, etc., - - - - -	281,962 86
Pay of contractors for removing garbage, - - -	50,369 33
Salaries, stationery, printing, and all other contingent expenses, - -	8,685 54
Total, - - -	$341,017 73

It is hardly necessary at this time to present a detailed account of the workings of this branch of the public service, as a full exposition of the subject was made in the last annual report, to which reference may be made. But attention may with propriety be directed to a few facts and suggestions, which, although they may have been alluded to before, are none the less worthy of public notice.

The specifications and regulations according to which the work was performed, during this year, were designed to overcome defects and omissions which, after considerable experience, were discovered to exist in the former contracts. For instance, it was thought at one time, that a thorough cleansing of all the streets, once in each month, would be sufficient to keep them in a good sanitary condition, but this proved to be insufficient, and now all streets are required to be cleaned not less than once a week, and many of them much more frequently. The holding the contractors responsible for the deposit of dirt and other materials upon the highways, and which they are obliged to remove or have removed, has the effect of interesting them in detecting those who unlawfully make such deposits or neglect to remove them as prescribed by law. Formerly, in order to preserve a tidy appearance of the streets, the Board of Health was obliged to remove these nuisances at the public cost, or they would not have been removed at all. Again, the streets in certain parts of the city, where the traffic is incessant, and where the work of cleaning in the day-time was the cause of great inconvenience, and almost an impossibility on account of frequent interruptions, are now required to be cleaned between the hours of six P. M. and seven A. M. Under former contracts trouble has frequently arisen in regard to the cleansing of streets laid out and paved subsequent to the time of making the contracts. Contractors did not consider themselves obligated by their agreement to clean such streets, and in many cases refused to do such work, unless they received extra compensation. This difficulty has been removed in the new contracts, by a provision covering all such contingencies. The keeping of the street-crossings and the channels to the inlets free from snow and ice in the winter season, may be noted as another improvement, which adds greatly to the comfort and convenience of citizens. In the matter of the removal of kitchen garbage, a manifest improvement has been brought about, by requiring the use of better and more carefully constructed vehicles, and the more frequent and regular removal of the material. These, and other improvements suggested by ex-

perience, have been adopted and embraced in the new contracts, and the practical results of these modifications and additions, have been exemplified in the more satisfactory performance of the work of the street-cleaning department during the year which has closed.

The use of street-sweeping machines has been tried in several cities in this country, but the success has been limited. This comparative failure is not attributable to the impracticability of adapting machinery to street-sweeping purposes, or to the great expense of such a manner of doing the work. It is rather the uncertainty of success that deters inventors and holders of patent rights from embarking in a scheme involving a very considerable expenditure of capital, which must be sacrificed in the event of their failure to secure the renewal of their contracts at the expiration of the limited periods for which they are made. The old-fashioned plan by hand labor, which involves scarcely any expense for equipment, has but little competition from any other method. Another subordinate reason may be the common practice of awarding contracts to the lowest bidder without carefully considering the quality of the work proposed to be done, and the capability and capacity of the party making the proposition. In making estimates based upon the specifications, plain English words and phrases seem to be susceptible of unlimited construction, misinterpretation, and substitution. By some peculiar mental idiosyncrasy, such words and phrases as "thoroughly," "clean," "regularly," "daily," and "at all times," seem to convey to the mind of the contractor meanings directly opposite to those commonly accepted, and consequently errors crept into their calculations, which, strange to say, are not discovered until they are reminded that their work is unsatisfactory, and unless improved the contract will be annulled. Suddenly the mistake is discovered, the contract has been taken at too low a figure, they had not expected that such and such would be required, they had not thus interpreted the specifications, and an appeal is made for sympathy. This is the old story of the lowest bidder. The way to avoid such spurious bidders, who never intended to

faithfully carry out the terms of the contract, and who bid at an unreasonably low figure for the object of securing the work, hoping to slip through by hook or by crook, and, if pressed, to resort to subterfuge, deception, influence or trickery, is to select responsible men at the lowest price for which it is known the work can be honestly and thoroughly performed, without regard to the claim of being the lowest bidder.

We are convinced that for one and the same quality of work, machine labor is more economical than hand labor. The work is better, and therefore more satisfactorily done. It was thought at one time, that the condition of our street paving was of such a character as to prevent the use of machinery with satisfactory results. This is a mistake, for it has been proved experimentally that machinery supplemented by hand labor is well adapted for almost all our streets, and therefore has a claim for a fair and honest trial. Two or three cities in the Union are now using machinery almost exclusively, and the results are so gratifying that a change to the old system would scarcely be entertained. An effort has been made to introduce machinery in our own city, but it has been only partially successful. But so far as tried it has borne good results. The effort has not been abandoned, and it is hoped that before the coming year of 1876 closes, these labor-saving appliances will be in practical operation in all the districts.* A sweeping change in every plan of performing public work is sure to encounter opposition; but when satisfied that such a change is advantageous, and a necessity, an obstinate determination to bring it about must eventually meet with success.

The plan of paving gutters with bricks we consider to be exceedingly objectionable. The material is easily crushed and displaced by heavy vehicles, thus forming receptacles for the accumulation of filth, which become offensive nuisances, particu-

*Since the opening of the year 1876 this change has been very generally introduced, and twenty-five out of twenty-eight street-cleaning districts are now swept by the aid of machinery, and the result has been alike gratifying to the Board and to the contractors. The districts not using machines are those in the rural sections.

larly in the warm weather. The use of cobble-stones for this purpose is also to be condemned, since the uneven surface interferes with free drainage, and favors the accumulation of filth between their interstices. Flag-stones and Belgian blocks properly laid in cement form an unexceptionable gutter surface. The gutters of streets made of *true* asphalt cannot be improved upon.

We are glad to be able to make record of the fact, that an improvement has been made in the street paving, in some parts of the city. The substitution of substantial granite-block pavements for the worn out cobble-stone pavements is a movement in the right direction, and deserves to be commended. The city passenger railways are also arousing from their lethargy, but not without considerable stimulation by the Highway Department, and some very creditable work is being done by the different companies, to the amazement of our citizens. The right to ignore all but their own interests had been almost universally conceded to these corporations, and now that they are doing substantial work on the thoroughfares on which their tracks are laid, is indeed a matter of surprise. The *vis a tergo* embodied in the Highway Department, supported by the law, seems to have been the impelling force that has put the machinery in motion. What has been done, can be done again, and we hope the precedent now once established will be perpetuated. What is being done is simply the beginning of a work that has long been needed. It will take years of the most energetic labor to restore the street paving to a proper condition, so much has it been neglected, and so carelessly have the repairs been made.

Breaking the street surface for the introduction of gas, water, and drain pipes, is frequently the cause of a nuisance, through the careless manner in which the repaving is done. The proper contour of the street is frequently destroyed, free drainage is prevented, and consequently great difficulty arises in maintaining cleanliness. Such work should be done by the Highway Department, where the responsibility should be centered.

Narrow streets and alleys should be paved with a serviceable

kind of concrete pavement, as the surest means of maintaining cleanliness.

There is room for great improvement in the construction of inlets. As at present constructed they collect all sorts of material; even cobble-stones are frequently removed from them. These deposits choke up the sumps, and injure the sewers. The unprotected openings of the inlets are a temptation to use them for unlawful purposes. Garbage, dead animals, and other improper substances are not unfrequently deposited in them after night, and are not always discovered, until the regular cleaning days come around. By placing iron gratings over the mouths of the inlets, the perpetration of such nuisances would be rendered exceedingly difficult, and the damage done to the sewers by accidental deposits prevented. The escape of gases from the mouths of sewers is frequently complained of, and is particularly annoying to the occupants of houses situated in close proximity to these openings. No plan of construction has yet been adopted, which presents an effectual barrier to this leakage. Were the sewers properly ventilated, as they should be, the occurrence of such a nuisance would be rendered very infrequent. Invariably every summer, when the sewers require frequent flushing, the order is received from the Water Department to discontinue the use of the street hydrants for street cleaning purposes. The gutters and sewers at this time require the free use of water to keep them clean, but its restricted use defeats an important sanitary necessity. The Act of Assembly authorizes the Board of Health to use the public hydrants for this purpose, and it is the duty of Councils to furnish the supply. If the Board quietly submit to this restriction every summer, in opposition to the urgent demand for the liberal use of water, with the object of promoting the comfort of citizens, and for the better protection of the public health, no effort will be made to correct the evil. The flushing of the gutters and sewers in the summer season is indispensable, and the Board cannot be justified in dispensing with it, in spite of the cry of a scarcity of water; and if this determination to perform a responsible duty precipitates a crisis, the sooner it occurs the better, and the responsibility will be placed where it belongs.

Surface drainage is a frequent cause of nuisances upon the streets. In winter the water discharged into the gutters on the sidewalks and in the streets forms ice, which, in protracted periods of very cold weather, fills the gutters and covers the sidewalks, presenting a dangerous surface to walk upon. In the summer season it is frequently the cause of filthy and offensive gutters. Whether surface drainage should be entirely discontinued by law and underground drainage substituted therefor, is a question not so easily decided, if the effects of the two systems be compared in a sanitary point of view. The house-traps in use have not yet been rendered perfectly safe, and are often omitted. Therefore, by removing a nuisance from the streets, and from sight, may we not conceal a still more dangerous nuisance in our dwellings?

STATISTICS

OF

BIRTHS, MARRIAGES, AND DEATHS,

FOR THE YEAR 1875.

The summary of the returns of births, marriages, and deaths for the year 1875, is less satisfactory than is usual. The birth and marriage-rates decreased, and the death-rate increased. By comparing these returns with those of previous years, it will be observed that the births are less than in any of the preceding four years; that the marriages are less than the number reported in any of the previous seven years; and that the number of deaths* exceeds that of any year since 1860, excepting the year 1872, distinguished by the extraordinary prevalence of small-pox.

There were seventeen thousand one hundred and nine (17,109) children born alive during the year, and eight hundred and twenty-four (824) still-births, making a total of seventeen thousand nine hundred and thirty-three (17,933) births, of which nine thousand three hundred and sixty-one (9,361) were males, and eight thousand five hundred and seventy-two (8,572) were females.

There were six thousand one hundred and forty-four (6,144) marriages, or twelve thousand two hundred eighty-eight (12,288) persons married.

The whole number of deaths recorded was seventeen thousand eight hundred and five (17,805), of which nine thousand one hundred (9,100) were males, and eight thousand seven hundred and five (8,705) were females. In this statement still-births, premature-births, and deaths returned from other localities are excluded.

By comparing the records of births, marriages, and deaths with those of the preceding year, it will be seen that the births have decreased one thousand three hundred and eighty-seven (1,387), or 7.49 per cent.; that the marriages have decreased four hun-

* The death-rate was higher in the years 1864, 1865, 1866, 1870, and 1872.

dred and ninety-five (495), or 7.45 per cent.; and that the deaths have increased two thousand five hundred and sixty-seven (2,567), or 16.84 per cent.

The excess of deaths over living births was six hundred and ninety-six (696).

January, September, October, and November, were the only months in which the births out-numbered the deaths.

The following table shows the number of living births, the actual deaths, and the excess of the former over the latter, during the past fifteen years:

Years.	Living Births.	Deaths.	Excess of Births over Deaths.
1861	16,641	13,540	3,101
1862	14,030	13,864	166
1863	14,550	14,220	330
1864	14,813	15,875	
1865	14,712	15,633	
1866	16,639	15,362	1,277
1867	16,224	12,660	3,564
1868	16,515	13,391	3,124
1869	16,171	13,428	2,743
1870	16,372	15,317	1,055
1871	17,471	14,485	1,986
1872	19,238	18,987	251
1873	17,811	15,224	2,587
1874	18,496	15,238	3,258
1875	17,109	17,805	

The population of the city, estimated to the middle of the year 1875, being eight hundred thousand (800,000), one child was born alive to every 46.75 persons; including the still-born, a child was born to every 44.59 persons; one person out of every 65.10 was married, and one person in every 44.94 of the population died.

The average daily number of living births was 46.87; of marriages, 16.83; and of deaths, 48.78.

The number of living births to every thousand of population was 21.38; the number of persons married per thousand of population was 15.36; and the number of deaths per thousand was 22.24. The excess of the death-rate over the birth-rate was 0.86 in a thousand, or .086 of one per cent.

BIRTHS.

The whole number of births recorded during the year, including eight hundred and twenty-four (824) still-births, amounted to seventeen thousand nine hundred and thirty-three (17,933), a decrease of one thousand four hundred and fifty-four (1,454) from the number recorded in 1874, and an excess of one thousand five hundred and twenty-seven (1,527) over the average annual number for the previous fourteen years.

Excluding the eight hundred and twenty-four (824) still-births, a child was born to every 46.75 persons—equal to a birth-rate of 21.38 to every one thousand persons. In 1870 there was one living birth to every 41.16 persons, or 24.29 births to every one thousand persons living; in 1871, one birth to every 40.06 persons, or 24.96 per thousand; in 1872, one to every 37.68, or 26.53 per thousand; in 1873, one to every 42.10 persons, or 23.74 to every thousand; and in 1874, one to every 41.90 persons, or 23.86 to every thousand of population.

The average annual birth-rate to every one thousand persons living, for the past six years, 1870–1875, was 24.07, which is equivalent to one birth to every 41.54 persons living. When compared with the birth-rates of European countries, and of the United States as shown by the last general census, this ratio appears to be small. In England, in the ten years, 1864–1873, the average annual birth-rate per thousand of inhabitants was 35.4; in the year 1872 it was 35.8; in 1873, 35.5; and in 1874, 36.1. In Prussia the average rate in 1870 was 38.1; in 1871, 33.8; and in 1872 and 1873 it was 39.7. In Austria it was 40.5 in 1870; 39.9 in 1871 and 1872; and 40.3 in 1873. In France, for the same years, it was respectively 25.5, 22.6, 26.7, and 26.2. According to the last census of the United States, the

rate was 28.86 per 1,000 for the entire country.* Again, if we compare the birth-rates of a number of other prominent cities of this country with the birth-rates of European cities, it will be seen that, in most instances, the disparity is still greater than above indicated. This difference is not real, but results from the want, in this country, of a carefully matured and efficiently applied system of collecting these statistics. In Europe, the work of collecting and registering births is performed under governmental authority, and the returns, particularly in England, are wonderfully complete. In this country the annual registration of such statistics is totally ignored by the government, but some States have made efforts to compile these data, with creditable results. Until the people properly appreciate the value of vital statistics, and are willing to spend money for an accurate registration, we cannot hope for much improvement over the present results. The data, as now obtained, are mere approximations, and though of local value, they are comparatively useless in determining important questions, such as natural increase in population, difference in productive power of races, and questions related thereto. However, the efforts being made are in the right direction, and should be earnestly encouraged.

A system is hardly ever perfected and satisfactorily applied by a single effort. By the test of experience, defects and deficiencies are discovered, and modifications suggested. Step by step improvements are made, and in time the system becomes adequate to meet all requirements, if strictly carried out with the utmost particularity. Upon this latter particular hinges the cause of the unsatisfactory results that have hitherto been obtained. The insufficient provision made for properly administering a system or law, defeats the object for which such system or law was instituted. This is a principal cause of the failure to collect the returns in a satisfactory manner. A duty placed upon a certain class of the community without compensation for the trouble it may occasion, although its performance may be

* Birth rate per thousand, founded upon the number of persons born during the year ended May 31, 1870, and surviving at its close.

expedited by imposing a penalty in case of neglect, will not be fulfilled in very many instances, unless the persons thus obligated know they are under the eye of the law, and are placed at as little inconvenience as possible. Hence the necessity of adding efficiency to the system by supplying the facilities for carrying out all its details. A corps of officers should be appointed, who should be held responsible for the collection of all the returns in their respective districts. If necessary, a house-to-house visitation should be resorted to. In this manner the money being spent for the maintenance of the registration bureau would be placed at a better advantage, inasmuch as accuracy and completeness of the records, the great essentials in compiling statistics, would be attained. In this city an effort is made in this direction, but it is too limited and stinted to prove of much advantage. All that is needed is a more liberal appropriation, and this will make the difference between work poorly done and well-done.

The following table shows the number of births to one thousand persons living, and the number of persons living to one birth, in different countries and cities, in comparison with Philadelphia, still-births not included.

Countries and Cities.	Births to 1,000 persons living.	Persons living to 1 birth.
United States, Census of 1870	28.86	34.64
England, 1838-1873	33 90	30.00
Austria, 1861–1870	39.80	25.12
Prussia, 1861 1870	39.60	25.25
France, 1861–1870	26.20	38.16
The Netherlands, 1861–1870	35.10	28.50
Massachusetts, 1857–1870	26.83	37.27
London, 1861–1870	35.20	28.40
Berlin, 1873	37.50	26 99
Boston, 1863–1872	30.86	32.40
Providence, R. I., 1856–1873	27.23	36.72
Philadelphia, 1870–1874	24.66	40.54
Philadelphia, 1875	21.38	46.75
New York, 1875	22.76	43.92
Brooklyn, 1874	17.04	58.68
Baltimore, 1875	23.93	41.79
Chicago, 1875	22.62	44.21
Cincinnati, 1875	22.78	43.88
Cleveland, 1875	22.36	44.70
Pittsburg, 1875	35.21	28.39

Of the total number of births for the year 1875, still-births included, three thousand six hundred and seventeen (3,617) were reported by female accoucheurs; five (5), by parents, and fourteen thousand three hundred and eleven (14,311), by male practitioners.

The following table exhibits the number of living births and still-births, and the total number placed on record during the past fifteen years:—

Years.	Born Alive.		Still-Born.		Total Births.
	Males.	Females.	Males.	Females.	
1861	8,644	7,997	364	266	17,271
1862	7,195	6,835	414	297	14,741
1863	7,610	6,940	432	311	15,293
1864	7,785	7,028	462	326	15,591
1865	7,796	6,916	391	325	15,428
1866	8,752	7,887	444	354	17,437
1867	8,464	7,760	430	350	17,007
1868	8,557	7,958	431	313	17,259
1869	8,404	7,767	457	332	16,960
1870	8,645	7,727	489	333	17,194
1871	9,155	8,316	502	373	18,346
1872	10,026	9,212	525	309	20,072
1873	9,343	8,468	502	389	18,702
1874	9,719	8,777	512	379	19,387
1875	8,909	8,200	452	372	17,933

A decrease in the number of births in the years 1862–1865 will be noticed as an effect of the civil war. During this period there was a decided increase in the number of deaths, especially in the years 1864 and 1865. The number of marriages varied but slightly from the average of the years succeeding the war.

The years 1871 and 1872 were noted for the most severe epidemic of small-pox that ever visited the city. The mortality from this cause for the two years amounted to four thousand four hundred and sixty-four (4,464). It would have been expected, that, as an effect of the epidemic, there would have been a decided decrease in the number of births in 1872 and 1873. But according to the above records, the returns of births for 1872 were larger than ever before, and those for 1873, while they show

a decrease when compared with the preceding year, were in excess of the number for any other year. This apparent variation from the rule may be explained by the statement, that it is believed that a more complete registration of births has been secured during the past few years.

The following table shows the porportion of the sexes among the living born and still-born for 1875, and for the fourteen years, 1861–1874, inclusive:—

Years.	Born Alive.		Males to 100	Still-Born.		Males to 100
	Males.	Females.	Females.	Males.	Females.	Females.
1861–1874.....	120,088	109,588	109 6	6,355	4,657	136.4
1875.....	8,909	8,200	108.6	452	372	121.5

The above table illustrates the general law of the preponderance of male over female births. The average proportion of the sexes among nearly twenty-two millions (22,000,000) of births recorded in England, in the thirty-four years, 1838–1871, is 104.8 males to 100 females. Only twice within these thirty-four years the ratio fell below 104 to 100, and but nine times it reached 105 to 100, thus showing that the variation is comparatively slight. This slight variation is also shown in the records of this city for the past fourteen years.

In Massachusetts, the mean proportion of the sexes among six hundred and thirty-seven thousand six hundred and ninety-eight (637,698) living births within the nineteen years, 1852–1870, was 105.9 males to 100 females. In Providence, Rhode Island, the proportion for nineteen years, 1854–1872, determined from thirty-one thousand four hundred and ninety-six (31,496) births, was 105.2 males to 100 females. The mean proportion of the sexes in Philadelphia, founded upon two hundred and forty-six thousand seven hundred and eighty-five (246,785) living births in the fifteen years, 1861–1875, is 110.4 males to 100 females. From the mean proportion, there is but a slight variation in each of

the fifteen years. It will be observed that the excess of male over female births is considerably above the general average ascertained from an examination of many millions of births. If, therefore, there be any truth in the propositions, that "the proportion of the sexes at birth depends on the location, occupation, and sanitary condition of a community, the proportion of males being greatest where all circumstances are most favorable to health and prosperity," and, that "the favorable circumstances of plentiful food, pure air, wholesome and sufficient occupation, without overworking, all have been found to increase the proportion of male births," then the returns of Philadelphia for the past fifteen years would betoken an exceedingly prosperous and healthful condition of the community.

The excess of males over females is much greater among the still-born than among the living-born. The proportion of still-born males to still-born females, during the fourteen years, 1861–1874, was 136.4 to 100; and in the year 1875, it was 121.5 to 100. Of over fourteen thousand (14,000) still-births returned in Massachusetts during the eighteen years, 1852–1870, there were 146.6 males to every 100 females. In Michigan, in 1869, the proportion among still-births was 145.8 males to 100 females; in 1870 it was 162.5 to 100; and in 1871, 162.9 to 100. In Providence, Rhode Island, during a period of seventeen years, 1856–1872, there were 133.2 still-born males to every 100 females. An examination of the statistics of different countries in Europe furnishes results in harmony with the facts we have set forth, and proves that the great disproportion between the sexes of still-born children is in obedience to a general law which operates with slight variation among different nations and races, through causes which are as yet not well determined.

During the fifteen years, 1861–1875, there were one hundred and thirty-three thousand five hundred and sixty-four (133,564) male white births, and one hundred and twenty thousand five hundred and eighty-five (120,585) female white births in Philadelphia, making an aggregate of two hundred and fifty-four thousand one hundred and forty-nine (254,149) white births for

this period, still-births being included. The proportion of males to females was as 110.8 to 100. During the same years the whole number of colored births recorded, amounted to four thousand four hundred and seventy-two (4,472), of which number two thousand two hundred and forty (2,240) were males, and two thousand two hundred and thirty-two (2,232) were females, being in the ratio of 100.3 males to 100 females. An examination of the ratio for each year, shows, that in nine of the years, the number of males exceeded the number of females, and that in the remaining six years, the female births were in excess. In the different years a very marked variation is also observed in the ratios between the two sexes. Among the white population, in no year were the female births in excess of the male births.

The following table shows the number of male and female births among the colored population, and the proportion of the sexes, in each year from 1861 to 1875, still-births included :—

YEARS.	Males.	Females.	Males to 100 Females.
1861	147	162	90.7
1862	117	134	86.5
1863	151	141	107.0
1864	127	115	110.4
1865	135	145	93.1
1866	161	158	101.2
1867	168	161	104.3
1868	151	134	112.6
1869	57	86	66.2
1870	62	49	126.5
1871	137	112	122.3
1872	276	227	121.5
1873	161	163	98.7
1874	206	182	113.1
1875	184	263	69.9
1861–1875	2,240	2,232	100.3

By an examination of the census taken in 1860 and in 1870, we obtain the fact that the colored population of the city is

almost stationary. In 1860 the colored population numbered twenty-two thousand one hundred and eighty-five (22,185); in 1870 it was twenty-two thousand one hundred and forty-seven (22,147), a decrease in the decade of thirty-eight (38). Assuming the colored population to be the same now as in 1870, there was one living birth in 1875 to every 51.98 persons, or 19.23 births to every one thousand inhabitants. Among the white inhabitants, there was one living birth to every 46.62 persons, or 21.45 births per thousand of population. The excess per thousand of population of white births over colored births was 2.22.

Population.		Living Births.		Still-Births.		Living-Births.			
						To 1,000 Persons living.		Persons living to one birth.	
White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.	White.	Colored.
777,853	22,147	16,683	426	803	21*				
800,000		17,109		824		21.45	19.23	46.62	51.98

* Estimated proportion.

In the above table it is assumed that the ratio of still-births to the whole number of births, is the same among the colored and white births. The number of colored still-births is therefore estimated by the following proportion:

Total number of Births.		Total Col. Births.		Total Still-births.		Total Col. Still-births.
17,933	:	447	: :	824	:	21

Table exhibiting Births in Philadelphia in each month for a series of fifteen years, namely, from 1861 *to* 1875, *inclusive, designating the number of each sex, and showing the number of males to one hundred females in each year, etc. (still-born included):*

Months.	1861.		1862.		1863.		1864.		1865.		1866.		1867.		1868.		1869.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
January	844	658	751	645	731	632	748	701	712	597	752	616	830	674	788	727	765	739
February	795	679	645	583	691	605	755	643	656	594	756	617	747	701	779	676	698	649
March	844	724	645	680	723	682	693	657	698	647	725	703	746	667	785	736	704	665
April	728	595	572	556	651	593	643	584	649	602	694	651	633	587	666	631	632	588
May	652	634	615	558	582	557	614	529	599	518	767	663	663	635	739	646	632	559
June	662	683	584	568	577	528	619	579	640	583	733	643	730	622	723	615	732	571
July	792	703	610	571	636	553	662	576	700	652	814	720	736	663	735	673	787	748
August	761	728	627	579	647	659	686	583	724	591	851	726	785	675	759	690	750	689
September	729	711	622	605	725	598	650	618	696	646	779	773	735	732	723	716	838	778
October	702	716	683	583	683	576	722	631	711	668	863	795	766	716	791	735	843	714
November	757	696	650	581	706	618	718	610	718	496	740	681	772	728	745	688	714	634
December	742	736	605	623	690	650	727	643	684	647	722	653	754	710	755	738	766	765
Totals	9,008	8,263	7,609	7,132	8,042	7,251	8,237	7,354	8,187	7,241	9,196	8,241	8,897	8,110	8,988	8,271	8,861	8,099
Total of both sexes	17,271		14,741		15,293		15,591		15,428		17,437		17,007		17,259		16,960	
No. of males to 100 females	109.0		106.6		110.9		112.0		113.0		111.15		109.7		108.6		109.4	

PAGE 62—*Continued.*

MONTHS.	1870.		1871.		1872.		1873.		1874.		1875.		1861 to 1875.		1861 to 1875.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Both sexes.
January	849	711	817	779	839	774	884	786	938	849	789	769	12,037	10,657	22,694
February	739	637	792	684	828	672	772	735	835	789	737	718	11,225	9,982	21,207
March	697	661	721	674	812	762	804	740	883	797	815	743	11,295	10,538	21,833
April	667	595	680	640	755	685	700	595	723	711	628	605	10,021	9,218	19,239
May	686	615	679	605	849	703	753	657	813	727	708	674	10,351	9,280	19,631
June	705	627	759	664	860	748	789	694	778	720	794	681	10,685	9,526	20,211
July	732	688	851	797	890	882	869	836	899	787	817	732	11,530	10,581	22,111
August	802	726	898	837	926	797	929	771	864	748	827	706	11,835	10,505	22,340
September	795	709	893	742	933	890	807	742	895	789	836	757	11,656	10,806	22,462
October	819	709	894	788	919	824	853	783	892	747	784	716	11,925	10,701	22,626
November	772	644	809	717	901	835	862	772	831	743	787	704	11,482	10,147	21,629
December	871	738	865	762	1,038	949	823	746	880	749	839	767	11,762	10,876	22,638
Totals	9,134	8,060	9,657	8,689	10,551	9,521	9,845	8,857	10,231	9,156	9,361	8,572	135,804	122,817	258,621
Total of both sexes	17,194		18,346		20,072		18,702		19,387		17,933		258,621		Total of both sexes.
Number males to 100 females	113.3		111.1		110.8		111.1		111.7		109.2		110.5		Number males to 100 females.

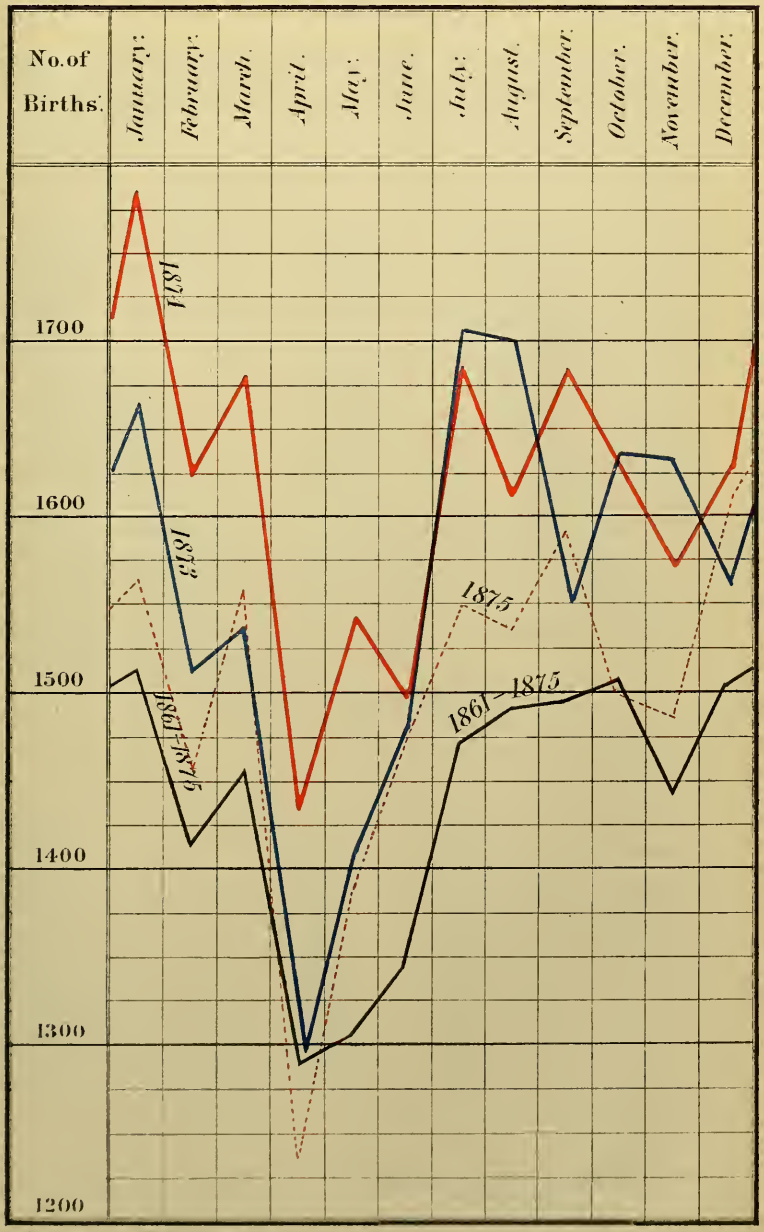
From the foregoing table it will be seen that during the fifteen years, 1861—1875, there were two hundred and fifty-eight thousand six hundred and twenty-one (258,621) births, of which number one hundred and thirty-five thousand eight hundred and four (135,804) were males, and one hundred and twenty-two thousand eight hundred and seventeen (122,817) were females, or in the proportion of 110.5 males to every 100 females. The proportion for 1875 was slightly below the average for the past fifteen years. It will also be observed that the births were quite evenly distributed in the different months, with the exception of April, May, and June. The decrease in these months is attributed to influences operating in the preceding summer and in the commencement of autumn, and may be noticed as occurring almost without exception in each of the years cited in the table. The same results have been obtained from an examination of the birth statistics for the ten years, 1821—1830.

The diagram shows very clearly that a high birth-rate prevails during the early part of the year, and is succeeded by the lowest birth-rate of the year, which occurs invariably in the month of April. The birth-rate again increases in the third quarter of the year, and continues above the average rate through the remaining months in the year. The autumn and winter months are invariably the most prolific months of the year, and the spring months the least so.

In 1875, the greatest number of births took place in December, and next in September. In 1874, the greatest number occurred in January, and then in July. In 1873, the most births were recorded in July, although January was a very prominent month. In the fifteen years, 1861–1875, the greatest number of births took place in January; December, October, and September following in close order. The smallest number occurred in the month of April, as above noted.

DIAGRAM

ILLUSTRATING THE NUMBER OF BIRTHS IN PHILADELPHIA FOR THE YEARS 1873, 1874 AND 1875, AND THE AVERAGE NUMBER FOR THE FIFTEEN YEARS, 1861–1875, BY MONTHS.



Designed by Wm H. Ford, M.D

Table showing the births in Philadelphia, by months, and the corresponding months of conception, for the fifteen years, 1861–1875.

Months of Birth.	Number of Births.	Months of Conception.
January	22,694	April
February	21,207	May
March	21,833	June
* April	19,239	† July
* May	19,631	† August
* June	20 211	† September
July	22,111	October
August	22,340	November
September	22,462	December
October	22,626	January
November	21,629	February
December	22,638	March

*Months of minimum of births. †Months of minimum of conceptions.

The following statistics of Montpellier, in the south of France, collected with a view of determining the influences of the seasons on fecundity, show the annual averages of conceptions for the twenty-one years terminating in 1792:

MONTPELLIER, FRANCE.

Months.	Marriages.	Conceptions.	Quarters.
January	596	2,200	
February	*1,155	*2,406	6,846
March	159	2,240	
April	403	2,355	
May	526	2,273	6,673
June	472	2,045	
July	447	1,834	
August	434	1,797	5,406
September	523	†1,775	
October	444	1,933	
November	625	2,093	6,139
December	†142	2,113	
Total	5,926	24,064	24,064

*Maximum. †Minimum.

The above table (the one furnished by Mr. Milne, slightly modified) shows a correspondence between the minimum of conceptions in Montpellier and Philadelphia, although the data have been collected at widely separated periods, from different races, and under slightly different conditions of climate.

Table showing the number of births in Philadelphia for the fifteen years, 1861–1875, *by months, and the corresponding months of conception, the most prolific months being placed first in order.*

Months of Conception.	Number of Births.	Months of Birth.
April	22,694	January
March	22,638	December
January	22,626	October
December	22,462	September
November	22,340	August
October	22,111	July
June	21,833	March
February	21,629	November
May	21,207	February
September	20,211	June
August	19,631	May
July	19,239	April
1861–1875	258,621	1861–1875
Average	17,241	Average

It appears from the above table, that the greatest number of conceptions took place in April, then in March, January, December, and November; and that the least number occurred in July, next in August, and then in September and May. The coldest months, almost without an exception, were the most prolific months, and the warmest months the least so. In Montpellier, February was the most prolific month of the year, then follow in order April, May, March, and January. The smallest number of conceptions took place in September, next in August, and then in July and October. In both places the

months most unfavorable to reproduction are the same, namely, July, August, and September, though in Philadelphia the order by months is reversed.

Dr. Milne is of the opinion, that if it were not for the disturbing element of marriage, which is not so accurately regulated as that of births, the influence of the seasons upon conceptions would be still more manifest than is at present the case, and he holds that the maximum of conceptions would then occur about midsummer instead of the winter months.

In endeavoring to trace the cause of the uniformity of the birth-rate by seasons, it has occurred to Dr. Baker, of Michigan, to study the marriage-rate in its relations to the birth-rate. "The birth-rate being uniform by seasons of the different years, if the greater or less than average proportion at certain seasons is mainly dependent upon the marriage-rate, that also must be uniform by seasons, and correspond in some way by proportionate number with the months of conception."*

For example, the months of April, May, and June being uniformly the months of the least number of births in different years, the least number of marriages should take place in July, August, and September, the corresponding months of conception. In order to determine this point, Dr. Baker has furnished †tables showing the relation between births in Michigan and Kentucky, and marriages corresponding to the months in which conceptions probably occurred. From these statistics he draws the following deductions: "First. That the uniform proportion of births by seasons is in a majority of months influenced by the number of marriages; Second. That, for the reason that the excess or deficit in the number of births compared with the average number is larger than the excess or deficit of marriages for the months in which the conceptions occurred, compared with the average number of marriages, it would appear that the marriage-rate is not, to say the least, the only cause of the uniform excess or deficiency of births at different seasons of the year; Third

*Fourth Registration Report, Michigan.

†Fourth Registration Report, Michigan.

Taking the two foregoing propositions together, it seems that both the marriage and the birth-rate are to some extent dependent upon the same cause, which, although not manifest here, it is altogether probable, is a physiological one, and directly connected with climate or season of the year."

The following table, somewhat similar in arrangement to the tables of Dr. Baker, referred to above, shows, by numbers, the relation between the births in Philadelphia, for the thirteen years, 1862–1874, and the marriages for the thirteen years, from April, 1861, to March, 1874, which correspond by months with the conceptions in those same years:

Births, 1862–1874.		Conceptions.	Number of Marriages from April, 1861, to March, 1874.
Months.	Number.	Months.	
October	19,708	January	7,105
January	19,634	April	6,805
December	19,554	March	5,966
September	19,429	December	7,773
August	19,318	November	7,501
July	19,067	October	7,829
March	18,707	June	6,641
November	18,685	February	6,551
February	18,278	May	6 672
June	17,391	September	7,363
May	16,963	August	5,923
April	16,683	July	6,052
Average	18,618	Average	6,848

It will be seen by the above table, that in the seven months in which more than an average number of conceptions occurred, there were four months having more than an average number of marriages; but in the remaining five months having less than an average number of conceptions, there were four months having less than an average number of marriages.

While it appears that the maximum and minimum periods of conceptions do not correspond with the maximum and minimum periods of marriages, sufficient may be gathered from the table

to show, that the uniformity of conceptions by seasons is influenced, to some extent, by the marriages in the corresponding periods. In the light of present information, however, it would hardly be tenable to assert that marriage is the prominent cause of this uniformity, but rather that it is, as Mr. Milne suggests, an element disturbing the operation of causes connected with the seasons.

General Summary of births for the fifteen years, 1871–1875.

1861–1874 MONTHS.	Total.	Births.		Black.		Still-born.		Twins.	Triplets.
		M	F.	M.	F.	M	F.		
January	22,694	12,037	10,657	212	194	605	477	232	1
February	21,207	11,225	9,982	160	162	524	412	201	2
March	21,833	11,295	10,538	193	183	619	436	225	4
April	19,239	10,021	9,218	168	154	551	426	181	3
May	19,631	10,351	9,280	163	141	597	404	198	2
June	20,211	10,685	9,526	180	153	553	394	222	4
July	22,111	11,530	10,581	189	203	560	425	216	4
August	22,340	11,835	10,505	220	196	563	425	227	2
September	22,462	11,656	10,806	189	192	540	337	183	3
October	22,626	11,925	10,701	188	204	568	453	202	1
November	21,629	11,482	10,147	191	216	550	385	183	1
December	22,638	11,762	10,876	187	234	577	455	181	5
Totals	258,621	135,804	122,817	2,240	2,232	6,807	5,029	2,451	32

The whole number of cases of plural births for the fifteen years, 1861–1875, was two thousand four hundred and eighty-three (2,483), of which thirty-two (32) were triplets. One case of twins occurred in every 105.5 births, and one case of triplets in every 8,082 births.

Two thousand four hundred and eighty-three (2,483) women, in the same number of confinements, gave birth to four thousand nine hundred and ninety-eight (4,998) children. One woman out of every 104.1 in labor gave birth to more than one child.

The percentage of still-births to the total number of births was 4.57, or one still-birth to every 21.8 births.

In 1875, one hundred and seventy-four (174) women gave birth to three hundred and fifty (350) children. One woman out of every 103 in labor gave birth to more than one child. Two cases of triplets occurred; one in March, the other in September. In 1863, 1868, 1869, and 1873, no cases of triplets were recorded.

The number of still-born children in 1875 amounted to eight hundred and twenty-four (824). Of these, four hundred and fifty-two (452) were males, and three hundred and seventy-two (372) were females.

In the several quarters of the year, the still-births were as follows:

First Quarter, - - -	228	Third Quarter, -	192
Second Quarter - -	198	Fourth Quarter, -	206

The percentage of still-born to the whole number born was 4.6, or one still-birth to every 21.7 births, the same as for the preceding year.

MARRIAGES.

The number of marriages returned in 1875 amounted to six thousand one hundred and forty-four (6,144), a decrease of four hundred and ninety-five (495) from the number recorded in 1874, and less than in any preceding year since 1867.

Of the men, three thousand seven hundred and twenty-two (3,722) were natives of the United States, two thousand one hundred (2,100) were born in foreign countries, and the nativity of three hundred and twenty-two (322) was not given.

Of the women, four thousand one hundred and seventy-eight (4,178) were born in the United States, one thousand six hundred and forty-nine (1,649) were born in foreign countries, and three hundred and seventeen (317), in countries not stated.

Table exhibiting the per cent. of marriages of males and females born in the United States and in Foreign Countries; also, of those whose nativity was not given, for the years 1866–1875.

YEARS.	Born in United States.		Born in Foreign Countries.		Nativity Unknown.		Total per cent.
	Males.	Females.	Males.	Females.	Males.	Females.	
1866	55.55	60.30	38.94	34.50	5.51	5.20	100.00
1867	57.57	62.82	36.88	31.41	5.55	5.77	100.00
1868	56.60	61.79	37.95	32.69	5.45	5.52	100.00
1869	53.82	60.01	39.06	32.81	7.12	7.18	100.00
1870	57.26	63.52	37.59	31.52	5.15	4.96	100.00
1871	57.61	64 18	36.26	29.74	6.13	6.08	100.00
1872	55.76	62.62	41.33	34.17	2.91	3.21	100.00
1873	60.13	66.28	36.07	29.47	3 77	4.25	100.00
1874	59.16	66.39	35.89	28.61	4.95	5.00	100.00
1875	60.57	68.00	34.18	26.84	5.25	5.16	100.00

The ratio of marriages to population was 7.65 to every one thousand persons living, or one marriage to every 130.2 persons living. This ratio is less than that of any year since 1861, and

much less than the annual average ratio for the fifteen years, 1861–1875. In other words, there were fewer marriages in 1875, in proportion to population, than in any year since 1861, and less than the annual average number for the past fifteen years.

The following table shows the number of persons living to one marriage, and the number of marriages to one thousand living persons, for each year from 1861 to 1875, inclusive, and also the annual average number for these fifteen years:—

Years.	Persons living to one Marriage.	Marriages to 1,000 persons living.
1861	130.4	7.66
1862	125.9	7.94
1863	109.2	9.15
1864	90.0	11.10
1865	90.1	11.09
1866	88.8	11.25
1867	105.3	9.49
1868	102.2	9.77
1869	103.8	9.63
1870	104.9	9.52
1871	102.8	9.72
1872	111.6	8.94
1873	95.0	10.52
1874	116.7	8.56
1875	130.2	7.65
1861–1875	105.8	9.45

The foregoing table may be presented in another form, in order to show in a still clearer manner the proportion of persons married to population.

Years.	Persons living to 1 person married.	Persons married to 1,000 persons living.
1861	65.2	15.32
1862	63.0	15.88
1863	54.6	18.30
1864	45.0	22.20
1865	45.0	22.18
1866	44.4	22.50
1867	52.6	18.98
1868	51.1	19.54
1869	51.9	19 26
1870	52.4	19.02
1871	51.4	19.44
1872	55.8	17.88
1873	47.5	21.04
1874	58.3	17.12
1875	65.1	15.36
1861–1875	52.9	18.90

In 1874 the decrease in the number of marriages was very marked; in 1875 it was even more so. There is no reason for supposing that the registration of these statistics is less complete than formerly. The figures represent a fact, namely, that relatively fewer marriages have been contracted since 1873 than in previous years, resulting from the depressed condition of business, the shrinkage of values, and the decrease in incomes, which influences have been progressive since the latter part of the year above mentioned.

In England, the mean annual ratio of persons married to every one thousand persons living, for the thirty-six years, 1838–1873, was 16.5; in 1871, the ratio was 16.7; in 1872, it was 17.5; and in 1873, it was 17.6. The average number of persons living to one person married, for the same period of thirty-six years, was 61. In Massachusetts, the mean annual ratio of persons married to every one thousand persons living, for the six

years, 1865–1870, was 20.91, which is equivalent to one person married to every 47.8 living. In Philadelphia, for the fifteen years, 1861–1875, the ratio was 18.90, equal to one person married for every 52.9 persons living. It therefore appears that the marriage-rate is higher in Philadelphia than in England, and lower than in the State of Massachusetts.

The following table gives the ages of persons married during the year 1875 :—

Sex.	Under 20	20 to 25	25 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 o 80	80 to 90	Not given.
Men.....	33	2,220	1,843	1,171	342	128	39	6	1	361
Women.....	1,202	2,594	1,117	628	175	29	8	1	....	390
Totals.....	1,235	4,814	2,960	1,799	517	157	47	7	1	751

The most popular period of life for marriage, for both sexes, was that between twenty and twenty-five years. During this period, there were two thousand two hundred and twenty (2,220) grooms, or 38.38 per cent. of the total number whose ages were given; and two thousand five hundred and ninety-four (2,594) brides, or 45.08 per cent of the number with known ages.

Under the age of twenty there were only thirty-three (33) grooms, but one thousand two hundred and two (1,202) brides.

Above twenty-five, the grooms were largely in excess of the brides.

Thirty-nine (39) males were married between sixty and seventy years of age; six (6) between seventy and eighty; and one (1) at the well-matured age of over eighty years. Fewer women contracted marriage at so advanced a period of life. Six (6) were married at ages between sixty and seventy; and one (1) between seventy and eighty years.

One (1) female under twenty, seven (7) between twenty and twenty-five, fifteen (15) between twenty-five and thirty, forty-four (44) between thirty and forty, fifty (50) between forty and

fifty, eight (8) between fifty and sixty, and three (3) between sixty and seventy, married each a man between fifty and sixty years of age. Two (2) females between twenty-five and thirty, six (6) between thirty and forty, nineteen (19) between forty and fifty, eight (8) between fifty and sixty, and four (4) between sixty and seventy, married each a man between sixty and seventy years old. And one (1) female between twenty-five and thirty, two (2) between forty and fifty, two (2) between fifty and sixty, and one (1) between sixty and seventy, united in marriage each with a man over seventy years of age. One (1) man between eighty and ninety years married a woman whose age was not reported.

The whole number of marriages reported during the past fifteen years amounted to ninety-four thousand four hundred and ninety (94,490), which represents one hundred and eighty-eight thousand nine hundred and eighty (188,980) persons married. Of the males, there were six thousand eight hundred (6,800), and of the females, seven thousand one hundred and thirty-seven (7,137), whose ages were not given; so that, of the whole number of marriages at specified ages recorded during these fifteen years, eighty-seven thousand six hundred and ninety (87,690) were males, and eighty-seven thousand three hundred and fifty-three (87,353) were females.

The following table shows the number of marriages of each sex in each period of life, for the fifteen years, 1861–1875; also the proportion of marriages of each sex in each of these periods to the whole number of marriages:—

	AGES.	Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Total.
Whole Number.	Males....	418	33,076	28,907	17,579	5,316	1,792	499	94	9	87,690
	Females	17,604	40,467	16,624	9,504	2,546	524	80	3	1	87,353
Per cent.	Males....	00.48	37.72	32.96	20.05	6.06	2.04	0.57	0.11	0.01	100.00
	Females	20.15	46.33	19.03	10.88	2.914	0.60	0.092	0.003	0 001	100.00

In the above table there is a slight difference between the whole number of males and the whole number of females. In comparing the marriages of the sexes at a given age, the results would be more exact if the numbers of each sex used as a basis in the comparison were equal. The difference, however, is really so slight as to have no appreciable effect upon the results obtained. For the sake of a hasty comparison, we have formed a table upon the basis of an equal number of marriages of males and females.

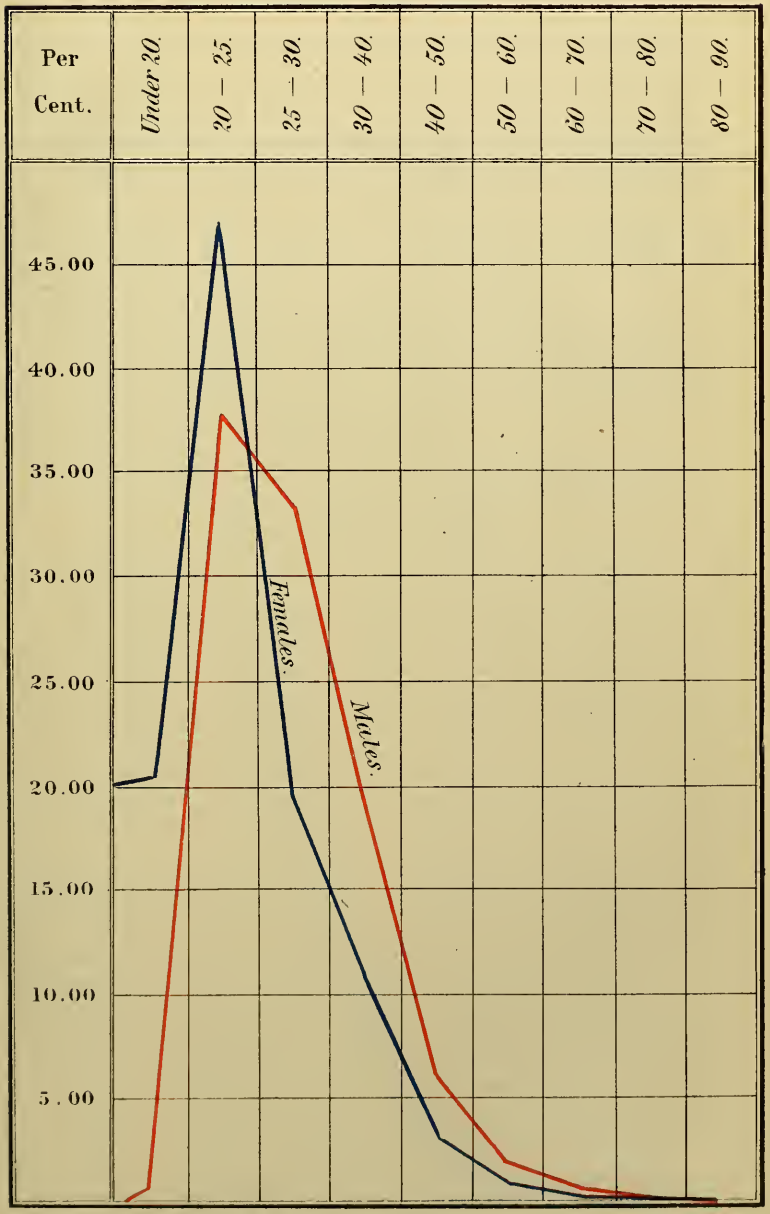
	AGES.	Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Total.
Whole Number.	Males....	417	32,951	28,792	17,515	5,294	1,783	498	94	9	87,353
	Females	17,604	40,467	16,624	9,504	2,546	521	80	3	1	87,353
Per cent.	Males....	00.48	37.72	32.96	20.05	6.06	2.04	0.57	0.11	0.01	100.00
	Females	20.15	46.33	19.03	10.88	2.914	0.60	0.092	0.003	0.001	100.00

It will be noticed from an examination of over eighty-seven thousand (87,000) marriages of each sex, which have taken place in the past fifteen years, that the probabilities of marriage under twenty years of age are about forty-two times as great with females as with males; between twenty and twenty-five they are more nearly equal, though still in favor of females; but, after the twenty-fifth year is passed, the probabilities of marriage are always in favor of males, and the proportion increases in the remaining periods of life. Between twenty-five and thirty they are 1.73 times as great with males as with females; between thirty and forty, 1.84 times as great; between forty and fifty, 2.08 times as great; between fifty and sixty, sixty and seventy, seventy and eighty, and eighty and ninety, they are respectively 3.40, 6.30, 36.6, and 10 times as great with males as with females.

The chances of females being married before the age of twenty years, are as *one to five* of all the probabilities that they will ever marry. At the age of twenty years about *one-fifth* of all their

DIAGRAM

ILLUSTRATING THE AVERAGE PROPORTION OF MARRIAGES OF EACH SEX AT DIFFERENT AGES, FOR THE FIFTEEN YEARS, FROM 1861 TO 1875.



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chances are gone. At twenty-five about *two-thirds*, and at thirty nearly *six-sevenths* of all their probabilities are lost. After passing the age of forty a female has a very slight chance of ever being married, *twenty-nine thirtieths* of all her chances being lost.

At the age of twenty the chances of males being married are scarcely at all lessened. At twenty-five there are about *three-fifths* of their chances remaining. At thirty years *seven-tenths* of all their chances are gone. From this period on they rapidly diminish, but in a smaller proportion than females.

The period of life between twenty and twenty-five years is the most favorable for marriage for both sexes. The next most favorable period for females is that under twenty years; and for males, that between twenty-five and thirty.

Table showing the number of Marriages, by months, for the past fifteen years, 1861–1875.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1861..	420	323	269	468	357	293	285	366	417	415	356	448	4,417
1862..	384	347	386	353	373	339	377	496	401	371	425	437	4,662
1863..	435	393	371	455	429	412	440	378	544	501	567	549	5,474
1864..	624	694	635	533	522	491	458	432	573	638	616	536	6,752
1865..	605	560	537	529	532	568	604	605	624	619	509	572	6,864
1866..	633	565	461	614	571	557	485	472	624	683	688	734	7,087
1867..	489	444	432	494	517	529	499	419	576	565	557	563	6,084
1868..	553	461	472	515	591	518	441	465	569	605	570	611	6,371
1869..	546	504	462	537	519	569	478	449	597	556	546	619	6,382
1870..	580	486	493	472	518	526	442	421	562	683	639	599	6,421
1871..	537	533	411	595	563	593	478	463	588	707	657	681	6,806
1872..	510	476	424	566	521	535	495	464	628	658	622	597	6,496
1873..	642	588	463	674	659	711	570	520	660	828	749	827	7,891
1874..	567	500	419	584	591	573	452	480	634	653	599	587	6,639
1875..	504	410	446	531	513	520	426	414	590	593	633	564	6,144
1861 to 1875	8,029	7,284	6,681	7,920	7,776	7,734	6,930	6,817	8,587	9,075	8,733	8,924	94,490

Table showing the total number of Marriages which have taken place during the past fifteen years, 1861–1875, *arranged according to months; those months having the greatest number being placed first in order.*

Months.	Number of Marriages.	Number of Persons Married.
October	9,075	18,150
December	8,924	17,848
November	8,733	17,466
September	8,587	17,174
January	8,029	16,058
April	7,920	15,840
May	7,776	15,552
June	7,734	15,468
February	7,284	14,568
July	6,930	13,860
August	6,817	13,634
March	6,681	13,362
1861–1875	94,490	188,980

In 1875, marriages were most numerous in the fourth quarter of the year; next, in the second quarter; then, in the third and first quarters.

This order corresponds, without an exception, with the results obtained from consolidating the returns of the last fifteen years, 1861–1875, as is shown in the following tables:

Marriages registered in each quarter of the year, for the fifteen years, 1861 *to* 1875.

Years.	1st Quarter.	2d Quarter.	Quarter.	4th Quarter.
1861	1,012	1,118	1,068	1,219
1862	1,117	1,065	1,247	1,233
1863	1,199	1,296	1,362	1,617
1864	1,953	1,546	1,463	1,790
1865	1,702	1,629	1,833	1,700
1866	1,659	1,742	1,581	2,105
1867	1,365	1,540	1,494	1,685
1868	1,486	1,624	1,475	1,786
1869	1,512	1,625	1,524	1,721
1870	1,559	1,516	1,425	1,921
1871	1,481	1,751	1,529	2,045
1872	1,410	1,622	1,587	1,877
1873	1,693	2,044	1,750	2,404
1874	1,486	1,748	1,566	1,839
1875	1,360	1,564	1,430	1,790
Totals	21,994	23,430	22,334	26,732

Percentage of Marriages in each quarter of the year, for the fifteen years, 1861 *to* 1875.

Years.	1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
1861	22.91	25.31	24.18	27.59
1862	23.96	22.84	26.75	26.45
1863	21.90	23.67	24.89	29.54
1864	28.92	22.89	21.67	26.52
1865	24.79	23.74	26.71	24.76
1866	23.41	24.58	22.30	29.71
1867	22.44	25.31	24.56	27.69
1868	23.32	25.49	23.15	28.04
1869	23.69	25.45	23.87	26.99
1870	24.28	23.61	22.19	29.92
1871	21.76	25.72	22.47	30.05
1872	21.70	24.97	24.44	28.89
1873	21.45	25.90	22.18	30.47
1874	22.38	26.33	23.59	27.70
1875	22.14	25.45	23.26	29.15
1861–1875	23.28	24.79	23.64	28.29

DEATHS.

The number of deaths in Philadelphia for the year 1875 was seventeen thousand eight hundred and five (17,805), an increase of two thousand five hundred and sixty-seven (2,567) over the number in 1874, and a considerable increase over the average number for the preceding fourteen years.

The following table gives the deaths in the city, those returned from other localities, and the still-born, for the year 1875, and for each of the fifteen years, 1861–1875, with the annual average number for these ears:

Years.	Deaths.	Deaths from other localities.	Still-born.
1861	13,540	298	630
1862	13,864	522	711
1863	14,220	825	743
1864	15,875	919	788
1865	15,633	820	716
1866	15,362	643	798
1867	12,660	493	780
1868	13,391	558	744
1869	13,428	569	789
1870	15,317	611	822
1871	15,485	633	875
1872	18,987	723	834
1873	15,224	621	891
1874	15,238	186	891
1875	17,805	000	824
1861–1875	15,068	561	789

The large increase in the mortality in the five years, 1862–1866, was caused by deaths among soldiers during the late war.

Deaths in the column of the above table marked "deaths from other localities," have occurred in other places, and the bodies

have been brought to the city for interment. A certificate is required in all such cases, and these deaths are placed upon record, but cannot properly be charged to the city.

The following table shows the population, deaths, and ratio of deaths to population, for the past fifteen years, 1861–1875.

Years.	Population.	Deaths.	Deaths to 1000 persons living.	Persons living to one death.
1861	576,408	13,540	23.49	42.57
1862	587,287	13,864	23.60	42.36
1863	598,166	14,220	23.73	42.06
1864	608,045	15,875	26.10	38.30
1865	618,924	15,633	25.25	39 59
1866	629,803	15,362	22.80	40.99
1867	640,682	12,660	19.76	50.60
1868	651,561	13,391	20 39	48.65
1869	662,440	13,428	20.27	49.33
1870	674,022	15,317	22.72	44.00
1871	700,000	15,485	22 12	45.20
1872	725,000	18,987	26.19	38.18
1873	750,000	15,224	20 29	49.26
1874	775,000	15,238	19 66	50.86
1875	800,000	17,805	22.25	44.93
1861–1875	666,489	15,068	22.61	44.23

The population of all the years, excepting 1870, is estimated. The population for 1871, 1872, 1873, 1874, and 1875 is given in round numbers. The population of these years, estimated by using the per cent. of increase furnished by the Bureau of Statistics of Pennsylvania, is respectively 699,284, 724,546, 749,808, 775,070, and 800,332.

It will be seen that the death-rate of the past year is higher than that of several of the years represented in the table, but it will also be noticed that it is lower than the average rate for the fifteen years. It should be explained that the unusually high death-rate for the year 1872, was caused by the epidemic of small-pox, which was so fatal in the first quarter of that year, and by the severity of the weather of the summer months.

The deaths in 1875, arranged according to months and quarters of the year, are as follows:

Months.	Deaths.		Quarters.
January	1,344		
February	1,392	4,579	First Quarter.
March	1,843		
April	1,377		
May	1,398	4,544	Second Quarter.
June	1,769		
July	1,744		
August	1,926	4,845	Third Quarter.
September	1,175		
October	1,165		
November	1,092	3,837	Fourth Quarter.
December	1,580		
Whole year	17,805	17,805	Whole year.

The order of mortality by quarters was, third, first, second, and fourth. This corresponds with the usual order. In 1872, owing to epidemic influence, the greatest mortality occurred in the first quarter; then, in the third, second, and fourth quarters, in the order named. This is an exception to the usual order. Of the deaths in 1875, 25.72 per cent. took place in the first quarter; 25.52 per cent., in the second quarter; 27.21 per cent., in the third quarter; and 21.55 per cent., in the fourth quarter of the year.

The greatest mortality occurred in August, one thousand nine hundred and twenty-six (1,926) deaths, or 10.82 per cent. of the total mortality, being registered in that month. Of this number, a large proportion was of children under five years of age.

March, June, and July, present successively the next greatest mortality, the total number of deaths for these months being five thousand three hundred and fifty-six (5,356), or 30.08 per cent. of the total mortality.

December, May, February, and April follow next in order,

the difference in the number of deaths in these months, excepting the first, being very slight. January, September, October, and November were the healthiest months in the year. The smallest number of deaths took place in November, the month which is usually the healthiest of the year.

Order of succession of mortality, by months, for 1874 *and* 1875, *and for the fifteen years,* 1861–1875.

1874.		1875.		1861–1875.
Months.	Deaths.	Months.	Deaths.	Months.
July	1,788	August	1,926	July.
December	1,421	March	1,843	August.
March	1,417	June	1,769	March.
January	1,360	July	1,744	January.
October	1,277	December	1,580	April.
August	1,267	May	1,398	May.
April	1,196	February	1,392	December.
February	1,147	April	1,377	February.
May	1,143	January	1,344	June.
September	1,117	September	1,175	October.
November	1,075	October	1,165	September.
June	1,030	November	1,092	November.
Monthly mean	1,269	Monthly mean.	1,484	

Compared with 1874 the mean monthly mortality of 1875 was two hundred and fifteen (215) in excess. The difference between the extremes of monthly mortality in the two years was respectively 758 and 834; considering the increase in the mortality for 1875, this variation is not remarkable. In neither year was

there any extraordinary epidemic, nor was the sickly summer weather of extreme severity.

Meteorological influences seem to have been the main causes in determining the order of succession of mortality by months. In each year one of the hot months claims the highest mortality, and the mild autumnal months the lowest. The difference in the mortality of several of the intermediate months is so very slight as not to permit much importance to be attached to their order as presented in the table.

If the order for 1875 be compared with that for the fifteen years, 1861–1875, it will be observed that they agree in the main particulars. August, which is usually the second month in order of mortality, heads the list in 1875, and is followed by March in both periods. In the same periods September, October, and November are the months of the minimum of mortality, the order being nearly the same. May has the same position in 1875, and in the series of years. There is a variation in the other months, as would be expected, from the absence of exact uniformity of causes acting from year to year. It is sufficient for our purpose to show that there is more or less uniformity from year to year between the months of maximum, minimum, and mean mortality, and that any departure from the rule can be explained by accidental causes; as, for example, the small-pox epidemic of 1871 and 1872, which changed the usual order in a very marked degree.

Table showing the number of deaths in each month in each of the fifteen years, 1861–1875; *also the aggregate number of deaths in each month for the same period of time, still-births and deaths from other localities excluded.*

Months.	1861.	1862.	1863.	1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1861–1875.
January...	1,233	1,203	946	1,168	1,243	1,304	1,290	1,140	977	1,171	1,045	2,380	1,577	1,360	1,344	19,381
February..	1,045	999	1,001	1,278	1,428	1,033	955	943	924	1,217	1,065	1,815	1,194	1,147	1,392	17,436
March.....	1,066	1,107	1,076	1,722	1,730	965	978	988	1,261	1,626	1,281	1,689	1,538	1,417	1,843	20,287
April.....	1,322	1,127	1,364	1,209	1,247	930	995	1,262	1,048	1,235	1,003	1,546	1,161	1,196	1,377	18,022
May.....	1,056	1,227	948	1,410	1,103	1,193	1,135	807	904	1,499	1,194	1,608	1,131	1,143	1,398	17,756
June.....	978	912	858	1,117	1,579	1,063	860	1,097	1,292	1,167	1,119	1,289	1,159	1,030	1,769	17,289
July.....	1,778	1,673	1,674	1,499	1,691	1,916	1,687	1,793	1,572	1,771	1,496	3,057	2,129	1,788	1,744	27,268
August.....	1,311	1,603	1,867	1,830	1,641	2,236	1,159	1,435	1,506	1,741	1,416	1,540	1,288	1,267	1,926	23,766
September.	906	957	1,327	1,130	915	1,227	920	1,238	881	996	947	1,026	1,018	1,117	1,175	15,780
October....	1,047	1,120	956	986	967	1,696	1,060	871	881	833	1,416	1,110	1,199	1,277	1,165	16,584
November.	836	906	942	1,074	1,157	917	747	781	989	1,125	1,561	888	907	1,075	1,092	14,997
December.	962	1,030	1,261	1,452	932	882	874	1,036	1,193	936	1,942	1,039	923	1,421	1,580	17,463
Totals...	13,540	13,864	14,220	15,875	15,633	15,362	12,660	13,391	13,428	15,317	15,485	18,987	15,224	15,238	17,805	226,029

It will be observed from the foregoing table, that the greatest mortality occurs, as a rule, in July and August. The next greatest mortality takes place in the months of March and January. The autumn months are those in which the least number of deaths occurs; November being the healthiest month, September the next in order, and then follows October. The remaining months hold an intermediate position between the two extremes; they are neither the healthiest nor the sickliest periods of the year, and the difference in the mortality between these months is usually but slight.

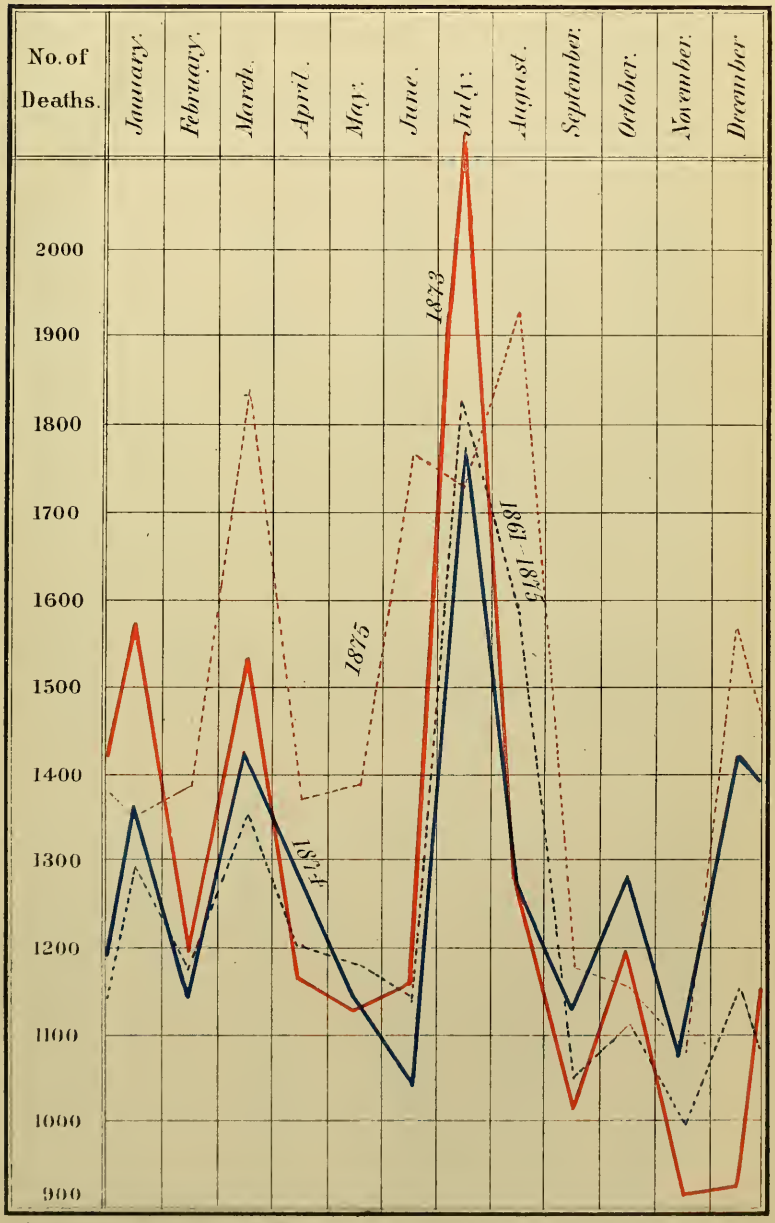
By comparing the different years with the aggregates of all the years, by months, an occasional variation in the order of succession of mortality will be noticed, which, in some years, is marked. This deviation is due to the operation of influences not constant, nor confined especially to any period of the year.

For example, the epidemic of small-pox, which prevailed the latter part of 1871, raised the mortality of November and December above that of July, an occurrence which has not been repeated in the fifteen years noted in the table. Again, the first quarter of 1872 presents a higher mortality than the third quarter of the same year, on account of the operation of the same epidemic influence. The excess in the number of deaths in the first quarter over the number in the third quarter has been observed only once before or since, in the past fifteen years, and that was in the year 1865, the departure from the usual order being caused by epidemic diseases.

It will therefore appear, that the prevailing influences which determine, in a more or less definite manner, the order of mortality according to months and seasons, although occasionally counteracted by epidemic visitations, predominate in a long series of years, and furnish a standard with which, under ordinary circumstances, the records of individual years agree.

DIAGRAM

ILLUSTRATING THE NUMBER OF DEATHS IN PHILADELPHIA FOR THE YEARS 1873, 1874 AND 1875, AND THE AVERAGE NUMBER FOR THE FIFTEEN YEARS, 1861–1875, BY MONTHS.



Designed by Wm H Ford, M.D.

Table exhibiting the number of deaths, by quarterly periods, in each of the fifteen years, 1861–1875*; also the average number of deaths in each quarter for the same period of time, still-births and deaths from other localities excluded:*

YEARS.	1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
1861	3,344	3,356	3,995	2,845
1862	3,309	3,266	4,233	3,056
1863	3,023	3,170	4,868	3,159
1864	4,168	3,736	4,459	3,512
1865	4,401	3,929	4,247	3,056
1866	3,302	3,186	5,379	3,495
1867	3,223	2,990	3,766	2,681
1868	3,071	3,166	4,466	2,688
1869	3,162	3,244	3,959	3,063
1870	4,014	3,901	4,508	2 894
1871	3,391	3,316	3,859	4,919
1872	5,884	4,443	5,623	3,037
1873	4,309	3,451	4,435	3,029
1874	3,924	3 369	4,172	3,773
1875	4,579	4,544	4,845	3,837
1861–1875	3,807	3,538	4,451	3,270

Table showing the annual rate of deaths to one thousand persons living, in Philadelphia, during each quarter, for the fifteen years, 1861–1875*; also, the mean annual rate per thousand in each quarter:*

YEARS.	1st Quarter.	2d Quarter.	3d Quarter.	4th Quarter.
1861	23.20	23.28	27.72	19.75
1862	22.53	22 24	28.83	20.81
1863	20.21	21.19	32 55	21.12
1864	27.41	24.57	29.33	23.10
1865	28.44	25.39	27.45	19.73
1866	20.97	20.23	34.16	22.19
1867	20.12	18.66	23.51	16.73
1868	18.85	19.43	27.41	16.50
1869	19.09	19.58	23.90	18.47
1870	23.82	23 15	26.75	17.17
1871	19.37	18.94	22.05	28.10
1872	32.46	24.51	31.02	16.81
1873	22.98	18.40	23.65	16.15
1874	20.26	17.39	21.53	20.76
1875	25.72	25.52	27.21	21.55
1861–1875	25.27	23.48	29.54	21.71

These rates may also be read by changing the decimal points, thus:—In the first quarter of the year 1861, to every 100 of the population there were 2.32 deaths, or to every 10,000 of population there were 230.0 deaths, etc.

Table showing the deaths in each ward, the ratio of deaths to population, based upon the census of 1876, *and the percentage of deaths to the total mortality.*

Wards.	Population. Census 1876.	Deaths, 1875.	Deaths to 1000 persons living	Persons living to one death.	Percentage of deaths to total mortality.
First	38,794	896	23.10	43.20	5.03
Second	28,242	729	25.81	38.74	4.09
Third	20,255	463	22.85	43.75	2.60
Fourth	20,545	629	30.61	32.66	3.53
Fifth	18,972	450	23.72	42.16	2.52
Sixth	12,070	264	21.87	45.72	1.48
Seventh	33,067	733	22.17	45 11	4.11
Eighth	23,868	440	18.44	54.25	2.47
Ninth	15,915	295	30.77	53 95	1.65
Tenth	24,786	486	19.68	51.00	2.72
Eleventh	14,345	394	27 47	36.41	2.21
Twelfth	15,394	306	19.87	50.31	1.71
Thirteenth	20,027	353	17.62	56.73	1.98
Fourteenth	23,385	403	17.23	58.03	2.26
Fifteenth	48,472	955	19.70	50.76	5.36
Sixteenth	18,903	396	20 95	47.74	2.22
Seventeenth	21,279	554	26.03	38.41	3.11
Eighteenth	28,286	680	24.04	41.60	3.81
Nineteenth	69,499	1,713	24.64	40.57	9.62
Twentieth	41,854	892	21.31	46 92	5.00
Twenty-first	18,097	402	22.22	45.02	2.25
Twenty-second	28,482	501	17.59	56.85	2.81
Twenty-third	25,299	470	18.58	54.04	2.63
Twenty fourth	41,310	711	17.21	58.10	3.99
Twenty-fifth	28,648	541	18.88	52.95	3.03
Twenty-sixth	56,842	1,132	19.91	50 21	6.35
Twenty seventh	22,457	435*	19.37	51.62	2.44
Twenty-eighth	24,381	392	16.08	62.20	2.20
Twenty-ninth	33,974	608	17.90	55.88	3.41

* Deaths in the Almshouse (582), returned in the Twenty-seventh Ward, are not included in the above number.

In the preceding table the ratio of deaths to population has been determined for each ward, by using the census taken in the early part of 1876. The death rates thus obtained will be very much more accurate than if we were to use as the basis for our calculations the census of 1870, and will enable us to approximate very closely the true condition of health of each subdivision of the city, and make comparisons between the different wards.

The lowest rate of mortality occurred in the Twenty-eighth Ward, and the next lowest in the Twenty-fourth Ward. The highest rate of mortality occurred in the Fourth Ward, always known as one of the most unhealthy wards in the city.

Table showing the ratio of deaths to population in each ward for the year 1875, *based on the census of* 1876; *the wards being arranged in the order of the death-rates, those having the lowest mortality being placed first.*

Wards.	Persons living to one death.	Wards.	Persons living to one death.
Twenty-eighth	62.20	Sixteenth	47.74
Twenty-fourth	58.10	Twentieth	46.92
Fourteenth	58.03	Sixth	45.72
Twenty-second	56.85	Seventh	45.11
Thirteenth	56.73	Twenty-first	45.02
Twenty ninth	55.88	Third	43.75
Eighth	54.25	First	43.20
Twenty-third	54.04	Fifth	42.16
Ninth	53.95	Eighteenth	41.60
Twenty fifth	52 95	Nineteenth	40.52
Twenty-seventh	51.62	Second	38 74
Tenth	51.00	Seventeenth	38.41
Fifteenth	50.76	Eleventh	36.41
Twelfth	50.31	Fourth	32.66
Twenty sixth	50.21		

The Twenty-eighth, Twenty-fourth, Twenty-second, Twenty-ninth, Twenty-third, Twenty-seventh, and Twenty-sixth Wards are situated out from the centre of the city, and they will be observed to present comparatively low death-rates. The Twenty-first Ward is a rural ward, but does not furnish a favorable

death-rate on account of the general prevalence of diphtheria during the year, which caused very many deaths.

The Fourth Ward presents the greatest relative mortality, as would be expected, since the Alaska Street District is situated within its limits. The Seventeenth, Eighteenth, and Nineteenth Wards follow closely, and hold the position of other years among the most unhealthy wards in the city. The Eighth, Ninth, and Tenth Wards are still among the healthiest wards in the city, though not occupying the foremost place.

Table exhibiting, by months, the number and percentage of deaths of males and females from all causes, for the year 1875.

Year and Month.	Number.		Percentage.			
	Males.	Females.	Males.	Females.	Excess of	
					Males.	Females.
1875.	9,100	8,705	51.11	48.89	2.22	
January	670	674	49.85	50.15	.....	0.15
February	715	677	51.36	48.64	2.72	.....
March	943	900	51.17	48.83	2.34	.....
April	694	683	50.40	49.60	0.80	.....
May	702	696	50.20	49.80	0.40	.....
June	943	826	53.02	46.98	6.04	.....
July	893	851	51.20	49.80	0.40	.....
August	961	965	49.09	50.91	.....	1.82
September	612	563	52.08	47.92	4.16	0.78
October	578	587	49.61	50.39	.....	.....
November	560	532	51.28	48.72	2.56	.....
December	829	751	52.46	47.54	4.92	.....

In January, August, and October, there was a slight excess of deaths of females. In the remaining months of the year, the excess of deaths was on the side of males, the difference varying from a fraction of one per cent. in April, May, and July, to 6.04 per cent. in June. The average excess of deaths of males over females for the year was 2.22 per cent., against 2.66 per cent. in 1873, and 3.42 per cent. in 1874. The proportion of deaths of males to females was 104.5 to 100. This is slightly more than the average proportion in England* for the thirty-six years, 1838–1873, but less than the proportion for the year 1873, the last of which we have official records. In Providence, R. I., for a period of thirty-three years ending December, 1872, the average proportion was nearly equal, the excess being with the female sex. The records of deaths in Boston, for the ten years ending with 1871, also show almost an equality of deaths of each sex. Assuming that the proportion between the sexes of persons living in Philadelphia was the same in 1875 as in the Spring of 1876, when the census† was taken, the proportion of male to female deaths out of equal numbers of both sexes living, for 1875, was as 107.3 to 100. In England, for the year 1873, the proportion of male to female deaths out of equal numbers of both sexes living, was as 113 to 100, and for the thirty-six years, 1838–1873, as 109 to 100.

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*Average proportion in thirty-six years, 1838–1873, was 104.00 to 100.

†According to the census of 1870, the population of Philadelphia consisted of 320,379 males and 353,643 females, being an excess of 33,264 females. According to the census taken in the Spring of 1876, the population consisted of 398,068 males and 419,380 females, an excess of 21,312 females. These figures show a rapid rate of increase in the male population, which it is difficult to account for.

Table exhibiting the number of deaths registered at different ages, and the percentage of deaths at each period to the total mortality, for the year 1875, *still-births excluded.*

AGES AT DEATH.	Number of Deaths.	Percentage of Deaths to total Mortality.	Decennial Periods.
Under one year	4,029	22.63	
One to two years	1,465	8.23	46.64
Two to five years	1,877	10.54	
Five to ten years	934	5.24	
Ten to fifteen years	308	1.73	4.56
Fifteen to twenty years	503	2.83	
Twenty to thirty years	1,627	9.13	9.13
Thirty to forty years	1,563	8.78	8.78
Forty to fifty years	1,304	7.32	7.32
Fifty to sixty years	1,225	6.88	6 88
Sixty to seventy years	1,186	6.66	6.66
Seventy to eighty years	1,121	6.30	6.30
Eighty to ninety years	549	3.08	3 08
Ninety to one hundred years	101	.57	.57
One hundred to one hundred and ten years	11	.06	.06
One hundred and ten to one hundred and twenty years	1	.005	.005

The first decennial period is that in which the great waste in human life occurs, no less than 46.64 per cent. of the deaths from all causes having been registered at ages within this period. Nearly *one-fourth* of the total mortality, or 22.63 per cent., occurred in the first division of this period, or among infants under one year of age; 8.23 per cent., in the second year of life; and 10.54 per cent., at ages between two and five years. Between five and ten years, the percentage of deaths to the total mortality was 5.24.

The least number of deaths occurred in the decennial period from ten to twenty years. Of adult life, the years from twenty to thirty claimed the highest mortality, and the number of deaths diminished successively throughout the remaining periods to old age.

INFANTILE MORTALITY.

The exhibit of the statistics of mortality among children under ten years of age, for the year 1875, is less favorable than is usual. Of the total number of deaths (17,805), eight thousand three hundred and five (8,305), or 46.64 per cent., took place within this period, which is a greater percentage than has been recorded in any of the preceding five years, the notable year of 1872 not excepted. Under five years of age there were seven thousand three hundred and seventy-one (7,371) deaths, a greater number than for any of the previous five years, with the exception of 1872, though the percentage of total mortality (41.40) is less than in 1870 and 1872. The period under one year was exceptionally favorable, only four thousand and twenty-nine (4,029) deaths, or 22.63 per cent., being placed on record. The number of deaths was less than in any of the preceding five years, except 1870 and 1871, and, in proportion to population, much less than in any of these years. Scarlet fever and diphtheria, to which a very considerable amount of the excess of mortality in the whole period under ten years may be attributed, caused but comparatively few deaths among infants in their first year.

Table exhibiting the comparative mortality of children under one, five, and ten years, respectively, during the six years, 1870–1875, *still-births not included.*

YEARS.	Under one year of age.	Per cent. of total mortality.	Under five years of age.	Per cent. of total mortality.	Under ten years of age.	Per cent. of total mortality.
1870	3,807	23.90	6,610	41.49	7,254	45.54
1871	3,740	23.20	6,262	38.85	6,913	42.89
1872	5,028	25.51	8,320	42.21	9,102	46.18
1873	4,230	26.69	6,260	39.51	6,708	42.34
1874	4,091	26.52	6.232	40.40	6,759	43 82
1875	4,029	22.63	7,371	41.40	8,305	46.64
1870–1875	4,154	24.74	6,844	40.64	7,507	44.57

From the table which has just been presented, we learn the astounding facts, that about *one-fourth* of the annual number of deaths in Philadelphia occurs among infants before they have completed their first year; over *two-fifths*, among children under five years of age, and about *nine-twentieths*, or approaching one-half of the deaths, at ages under ten years. These proportions, great as they appear, represent a much less relative mortality at these respective ages than occurs in most of the large cities of this country.

Table showing the principal causes of death among children under five years of age, during the past six years, 1870–1875.

Diseases.	1870.	1871.	1872.	1873.	1874.	1875.
Cholera Infantum	1,001	829	1,666	1,114	858	990
Debility and Inanition	706	831	775	757	561	554
Marasmus	576	505	711	628	767	701
Convulsions	661	598	682	519	639	727
Congestion and Inflammation of Lungs	433	488	608	500	539	475
Congestion and Inflammation of Brain	488	474	575	536	515	583
Scarlet Fever	689	180	124	221	250	730
Inflammation of Bowels	110	132	148	179	180	206
Croup	275	234	249	169	160	348
Bronchitis	91	89	120	137	184	252
Dropsy of Brain	122	139	139	135	139	133
Cerebro-spinal Meningitis	24	20	58	102	42	49
Whooping-cough	101	79	158	96	71	122
Diphtheria	120	102	106	83	112	408
Diarrhœa	80	91	91	79	65	61
Consumption of Lungs	84	61	81	70	63	51
Measles	44	41	121	27	105	9
Small-pox	6	607	981	18	3	28
Totals	5,611	5,500	7,393	5,370	5,253	6,427

A very large proportion of the deaths under five years of age was caused by the above-named diseases.

It will be observed from the above table, that the aggregate number of deaths from the diseases there mentioned, for the year

1875, was greater than in any year, excepting 1872. This increase is principally due to scarlet fever, diphtheria, croup, and bronchitis, which caused more deaths than in any of the preceding five years. There were fewer deaths from measles, consumption, and diarrhœa, than in any of these years. The mortality from cholera infantum, cerebro-spinal meningitis, and whooping-cough, was greater than in 1874, but less than in some of the other years.

Table showing the total mortality, and the deaths in infancy and childhood, by months, for the six years, 1870–1875, still-births not included.

MONTHS.	1870.			1871.			1872.			1873.			1874.			1875.		
	Total mortality.	Mortality under one year.	Mortality under five years.	Total mortality.	Mortality under one year.	Mortality under five years.	Total mortality.	Mortality under one year.	Mortality under five years.	Total mortality.	Mortality under one year.	Mortality under five years.	Total mortality.	Mortality under one year.	Mortality under five years.	Total mortality.	Mortality under one year.	Mortality under five years.
January	1,217	210	425	1,084	227	405	2,437	412	832	1,621	317	516	1,417	359	552	1,344	237	478
February	1,273	235	481	1,107	230	419	1,867	367	684	1,236	246	407	1,196	295	446	1,392	265	500
March	1,679	330	648	1,345	288	473	1,739	344	656	1,585	354	557	1,459	301	492	1,843	377	729
April	1,284	254	519	1,055	201	348	1,613	369	648	1,206	268	428	1,234	256	429	1,377	223	490
May	1,545	264	564	1,222	238	394	1,678	358	620	1,192	237	385	1,143	261	440	1,398	254	506
June	1,201	288	474	1,156	376	528	1,336	394	636	1,210	324	490	1,030	270	398	1,769	407	775
July	1,858	713	1,003	1,571	645	906	3,173	1,388	1,947	2,189	1,001	1,299	1,788	794	1,006	1,744	674	1,000
August	1,813	701	1,035	1,481	471	736	1,612	530	849	1,384	513	698	1,267	460	640	1,926	679	1,053
September	1,046	259	435	1,011	238	379	1,071	255	417	1,069	290	450	1,117	347	499	1,175	282	505
October	874	182	320	1,464	262	481	1,160	237	405	1,237	247	386	1,277	285	471	1,165	173	397
November	1,163	195	368	1,615	252	515	937	156	277	958	178	277	1,075	208	354	1,092	180	381
December	975	176	338	2,007	312	678	1,087	218	349	958	255	367	1,421	255	505	1,580	276	556
Totals	15,928	3,807	6,610	16,118	3,740	6,262	19,710	5,028	8,320	15,845	4,230	6,260	15,424	4,091	6,232	17,805	4,027*	7,370*

* A very slight discrepancy will be observed between these figures and those on pages 92 and 93, viz: a deficiency of two in the first number, and of one in the second, which has not been accounted for.

The maximum of deaths among children under one and under five years of age, was reached in the month of August, but the difference between the figures for July and August is very slight. As a rule, July is the most fatal month in the year among young children.

There were fewer deaths under one and under five years of age in the months of October and November, than in any other month in the year.

The mortality in June was unusually high, which may be accounted for, in part, by the continuous high temperature in the latter third of the month and the unusually heavy rain-fall. The temperature of July was about normal, and the rain-fall moderate in amount, which may help to account for the less than usual mortality among young children in this month.

August was an unhealthy month. It was characterized by a great number of rainy days, and by very warm, moist weather, particularly in the middle of the month.

The records of the weather for June, July, and August, for the past six years, 1870–1875, are as follows:

YEARS.	JUNE.		JULY.		AUGUST.		SUMMER.	
	Mean temperature.	Amount of rain-fall.	Mean temperature.	Amount of rain-fall.	Mean temperature.	Amount of rain-fall.	Mean temperature.	Amount of rain-fall.
1870	.....	.....	80.13	3.500	.....	.....	78.21	12.020
1871	.....	.....	75.62	6.380	.....	.....	75.27	17.020
1872	76.62	.....	81.11	9.980	.....	.....	78.61	22.020
1873	70.60	0.90	76.45	5.000	72.30	11.49	73.15	17.390
1874	73.00	3.02	74.70	2.250	71.10	5.65	72.93	10.920
1875	70.50	4.13	74.60	3.630	72.40	6.42	72.50	14.180

The mean temperature of the summer of 1875 was 72.50 degrees, which is less than the mean temperature of the summer of any of the preceding five years; the amount of rain-fall, in inches, was considerably less than the average (15.592 inches).

The following table shows the percentage of deaths of children under five years of age, at different seasons of the year, for the past six years, 1870–1875, still-births not included.

Seasons.	1870.	1871.	1872.	1873.	1874.	1875.	Average of six years.
Winter.....	18.82	23.99	22.42	20.61	24.12	20.81	21.79
Spring.....	26.19	19.40	23.13	21.88	21.84	23.41	22.64
Summer.....	38.00	34.65	41.25	39.73	32.80	38.37	37.47
Autumn.....	16.99	21.96	13.20	17.78	21.24	17.41	18.10
Totals.....	100.00	100.00	100.00	100.00	100.00	100.00	100.00

It will be observed by taking the average of the past six years, that the greatest proportion of deaths among children under five years of age, occurs in the summer months; the next greatest proportion takes place in the spring months; then, in winter; the autumn season being the period of the smallest proportional mortality. The deaths for 1875 were distributed among the seasons in the same relative order. Compared with the average proportions of the seasons for the past six years, the year 1875 shows a greater proportionate mortality in the spring and summer months, and a less proportionate mortality in the fall and winter months. The difference between the extremes of the proportions was less in 1875 than the average for the six years 1870–1875. In 1870, the difference between the greatest proportion and the least proportion was 21.01 per cent; in 1871 it was 17.25 per cent.; in 1872, 28.05 per cent.; in 1873, 21.95 per cent.; in 1874, 11.56

per cent.; and in 1875, 20.96 per cent. As a rule, the greatest mortality occurs in summer, and the least mortality in the autumnal months; spring and winter hold intermediate places. Over 38 per cent. of all the deaths under five years, in 1875, took place in June, July, and August. The greatest difference between the three remaining seasons was 6 per cent., and the least difference was 3.40 per cent.

During the fifteen years, 1861–1875, two hundred and thirty-four thousand three hundred and fifty (234,350) deaths were recorded, exclusive of still births.* Of this number, fifty-five thousand nine hundred and twenty-five (55,925), or 23.87 per cent., were infants in their first year, and ninety seven thousand two hundred and fifty-seven (97,257), or 41.50 per cent., were children under the age of five years. Over one-third of the deaths in each of these specified ages occurred in hot months.

These proportions, great as they appear, are considerably less than those in most of the large cities of the country, and compare very favorably with the statistics for the whole United States.

The following table shows the total deaths, the deaths under five years, and the percentage of deaths under five years to the total mortality, in the United States, according to the census of 1850, 1860, and 1870; also similar statistics in Philadelphia for the fifteen years, 1861–1875:

United States and Philadelphia.	Total Mortality.	Mortality under five years.	Per Cent. of Mortality under five years.
United States, census of 1850.	323,010	122,978	38.40
United States, census of 1860.....	393,606	168,852	42.80
United States, census of 1870.....	492,263	203,213	41.28
Philadelphia, 1861–1875.....	234,350	97,257	41.50

*Deaths from other localities are included, as it is not possible to deduct them in the periods under one and under five years of age.

CAUSES OF DEATH.

The system of classification of the causes of death, which has been adopted in this and recent reports, is the one in use in England, and in a number of cities and states in this country. One of the two tables arranged according to this classification presents the diseases in classes and orders, and shows the numbers of each sex in each month of the year; the other furnishes the causes of death in classes and orders, and also gives the particular diseases embraced in each order, arranged according to sex, age, color, nativity, and locality. The table made out in alphabetical order, contained in the Health Officer's report, is still retained for the reason that it presents, with great particularity and in detail, a mass of information which, it is hoped, will be of value to those who wish to pursue special investigations, or adopt a system of classification different from that selected.

Causes of death not specified, or ill-defined, amounted to fifty-one (51), or 0.29 per cent. of the total mortality.

The increase in the number of deaths from zymotic diseases over the number recorded in 1874, was one thousand five hundred and fifty-eight (1,558). This increase occurred principally among diseases of the miasmatic order, of which we may specify scarlet fever, diphtheria, croup, whooping-cough, and cholera infantum, as being the diseases to which it may be chiefly attributed. The deaths from cerebro-spinal meningitis were about the same in each year. The most marked increase was in scarlet fever and diphtheria, which prevailed to a greater extent than for many years.

Few diseases are included in the remaining orders of this class. Among the enthetic diseases, there was a decrease of fourteen (14) in the deaths from syphilis, the whole number being twenty-two (22). There were two (2) deaths from h drophobia, against three (3) deaths from this affection in 1874.

There was a slight increase in the mortality from the diseases in the remaining two orders of this class.

The deaths from constitutional diseases in 1875, were three thousand eight hundred and sixty-three (3,863), or 21.61 per cent. of the mortality from all causes, against three thousand seven hundred and nineteen (3,719), or 24.11 per cent. in 1874. It will be observed that the increase was only one hundred and forty-four (144). This increase was principally due to the greater mortality from dropsy, cancer, tabes mesenterica, and consumption.

The most fatal of all the classes is that which embraces all local diseases. Six thousand nine hundred and thirteen (6,913) deaths, or 38.82 per cent. of the mortality from all causes, were charged to this class. The first order under this class, which includes all affections of the nervous system, contains by far the largest proportion of deaths, the mortality under this division amounting to two thousand six hundred and fourteen (2,614). There was an increase over the preceding year in nearly all the diseases under this order.

The next most prominent division of local diseases was that embracing diseases of the respiratory organs. The deaths from these causes amounted to one thousand nine hundred and forty-one (1,941), against one thousand seven hundred and twenty-one (1,721) in the preceding year. Nearly four-fifths of the deaths in this order were caused by bronchitis and pneumonia. The deaths from these two causes were in excess of those for the preceding year.

The mortality from diseases of the organs of circulation amounted to eight hundred and eleven (811), an increase of thirty-two (32) over the previous year.

One thousand and fifty-four (1,054) deaths were referred to diseases of the digestive organs; three hundred and seventy-seven (377), to diseases of the urinary organs; and one hundred and sixteen (116), to diseases of the organs of generation, locomotion, and the integumentary system together.

The whole number of deaths by developmental diseases, ex-

clusive of still-births, amounted to two thousand and twenty-four (2,024). Of this number, one thousand and fifty-nine (1,059) were caused by diseases of nutrition.

There were seven hundred and three (703) deaths by violence, of which number, five hundred and five (505), or 71.84 per cent., were males. The rate per ten thousand of population was 8.8, against 8.52 in 1873, and 8.01 in 1874.

Meteorology.—The mean temperature of the year 1875, was 50.3 degrees. The mean reading of the barometer was 30.059 inches, and the prevailing direction of the wind was westerly. The quantity of rain that fell during the year amounted to 40.24 inches. Rain or snow fell on one hundred and fifty-four (154) different days.

January.—The mean temperature was 10.6 degrees lower than for January, 1874. The rain-fall was 1.75 inches less. The month was remarkable for the great number of rainy days with accompanying northwest winds, and for steady low temperature.

February.—The mean temperature was 7.1 degrees lower than for February, 1874. The rain-fall was .74 of an inch greater. Very cold weather was the only remarkable feature of this month.

March.—The mean temperature of this month was 5.1 degrees less, and the rain-fall was .94 of an inch more, than for March, 1874. The month was remarkable for very cold weather, and unusually prevalent easterly winds.

April.—The mean temperature of April was 3.0 degrees higher than for the corresponding month of the preceding year. Cold weather and light rain-fall, with steady northwest winds, were the marked features of this month.

May.—The mean temperature was 1.5 degrees higher than for May, 1875, and the rain-fall was 1.39 inches less. The month was specially marked by southerly winds, slight range of barometer, and slight rain-fall.

June.—The mean temperature was 2.5 degrees lower than for June, 1874. The rain-fall was 1.11 inches in excess of the rain-

fall for the same month of the previous year. The month was specially noted for the very continuous high temperature from the 22d to the 28th, and for heavy rain-fall.

July.—The mean temperature was only 0.1 of a degree less than in July, 1874, and the rain-fall 1.38 inches more. There was a very heavy rain storm on the 29th. The pressure and temperature were about normal. A wind storm occurred on the 18th.

August.—This month was remarkable for the great number of rainy days, and absence of thunder storms. The mean temperature was 1.3 degrees higher, and the rain-fall 0.77 inches greater, than in August, 1874.

September.—There was a deficiency of rain and of cloudy weather in this month. There were no dangerous winds. There was a brilliant meteor on the 28th, and a thunder storm on the 30th. The mean temperature was 3.9 degrees below the mean for the preceding year.

October.—Precipitation much less than for many previous years The first frost was observed on the 9th instant, and the first snow on the 31st. Indian summer lasted from the 20th to the 26th. The mean temperature was 1.3 less than for October, 1874.

November.—The mean temperature was 2.1 degrees lower, and the rain-fall 3.08 inches greater, than in the same month of the preceding year. The range of temperature was remarkable for November. There was ice on the 3d, light snow on the 22d, sleet on the 19th and 23d, and frost on the 2d and 6th of the month.

December.—The mean temperature was 1.0 degree lower, and the rain-fall 0.89 of an inch greater, than in December, 1874. The rivers were frozen over on the 19th. Thick fog prevailed on eleven (11) days, and there were twenty (20) days of cloudy weather. The temperature was about normal.

Meteorological Observations taken at the Signal Office, Philadelphia, Pa., furnished by F. M. M. Beall, Observer, S. S. S. U. S. A.

DATE. 1875.	BAROMETER.							THERMOMETER.							Mean Relative Humidity.	WIND.						A'mt of rain & melted snow.		Number of Auroras.
	Mean.	MEAN OF			RANGE.			Mean.	MEAN OF			RANGE.				Prevailing winds.	NUMBER OF MILES.				Total.	Amount in inches.	Number of days on which rain or snow fell.	
		A. M. observation.	P. M. observation.	Night observation.	Highest.	Lowest.	Difference.		A. M. observation.	P. M. observation.	Night observation.	Maximum.	Minimum.	Difference.			Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Maximum velocity during month.				
January	30.231	30.272	30.201	30.229	30.787	29.666	1.121	26.1	23.0	28.8	25.6	44.5	-5.0	49.5	71	N.W.	2028	1807	1808	1986	30	7629	2.83	16	0
February	30.131	30.162	30.092	30 153	30.671	29.370	1.301	26.1	21.9	30.7	24.1	57.0	-1.0	58.0	66	N.W.	2327	.....	.....	.....	45	8159*	3.20	12	1
March	30.104	30.145	30.074	30.101	30.491	29.380	1.111	34 9	31.1	38.8	34.2	61.0	12.0	49.0	69	E.	.....	.....	.....	.....	42	7278†	3.10	16	None
April	29.978	30.011	29.933	29.985	30.449	29.551	0.898	45.5	40.7	50.9	43.4	71.0	20.0	51.0	59	N.W.	.....	.....	.....	.....	36	7322‡	2.85	16	"
May	29.993	30.018	29.946	30 001	30.325	29.457	0.868	61.4	57.8	68.5	58.4	89.0	40.0	49.0	54	S.W	.....	.....	.....	.....	42	7676§	1.36	9	"
June	30.034	30.061	29.996	30.037	30.239	29.711	0.528	70.5	66.6	77.0	67.0	95.0	51.0	44.0	65	S.W.	.....	.....	.....	.....	45	6544	4.13	14	"
July	29.996	30.014	29 957	29.995	30.259	29.631	0.628	74.6	72.0	80 4	72.1	92.0	61.0	31.0	66	S.W.	2036	1415	1158	1591	36	6200	3.63	11	"
August	30.035	30.052	30.009	30.037	30.333	29.719	0.614	72.4	69.9	76.5	70.3	85.0	58.0	27.0	76	S.W.	2002	1409	1359	1740	30	6501	6.42	18	"
September	30.035	30.059	30.002	30.038	30.429	29.573	0 856	64.1	60.1	70.3	61.4	90.0	45.0	45.0	65	W.	1961	1310	1309	1676	34	6256	2.53	6	"
October	30.015	30.043	29.968	30.020	30 555	29.361	1.194	53.7	49.1	59.9	51.1	74.0	35.0	39.0	65	W.	2153	1773	1493	1837	40	7256	1.42	8	"
November	30.107	30.130	30.085	30.118	30.750	29.536	1.214	39.7	36.7	43.6	37.9	62.0	8.0	54.0	68	W.	1977	1651	1718	1993	42	7339	5.40	14	"
December	30.042	30.063	30.027	30.036	30.743	29 419	1.324	34.7	31.5	37.2	34 1	65 0	4.0	61.0	76	N.W.	2210	1753	1715	1986	35	7664	3.37	14	"
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,824‖	40.24	154	1
Annual means.	30.059	30.086	30.024	30.062	30.503	29.531	0 971	50.3	46.7	55.2	48.3	73.8	27.3	46.5	67	.....	.....	.....	.....	.....	38	.....	3.35	.....	.....

*26 days. † 28 days ‡29 days. § 29 days. ‖356 days.

Table showing weekly means of barometer and thermometer, relative humidity, amount of rain-fall, prevailing direction of wind, average amount of clouds, total wind velocity, prevailing state of weather, and maximum and minimum temperature for 1875.

1875. WEEKS ENDING	Mean weekly Barometer.	Mean weekly Thermometer.	Mean weekly Humidity.	Rain fall in inches.	Prevailing direction of wind.	Average am'nt of cloudiness.	Total wind velocity.	Prevailing state of weather.	Mean daily Humidity.
January 2	30.274	32.8	70.5	.92	W.	¾	1,776	Fair	57.11
" 9	30.241	29.3	69.3	.86	N	¾	1,569	Cloudy	41.3
" 16	30.331	21.6	65.4	.31	N. W.	¾	2,457	Fair	36.-5
" 23	30.329	22.4	71.5	.18	N. W.	¼	1,460	Fair	44.6
" 30	30.059	30.3	76.5	.86	W.	¾	1,630	Fair	42.15
February 6	30.171	27.9	70 2	.74	N. W.	¾	2,382	Fair	54.13
" 13	30.209	16.9	66 4	1.02	N. W.	¾		Cloudy	47.-
" 20	30.084	20.5	64.4	.69	N. W.	¼		Fair	39.4
" 27	29.992	41.2	68.3	.86	S. W.	¾	1,698	Fair	57.24
March 6	30.149	28.5	78.3	1.07	E.	¾		Cloudy	43.12
" 13	30.000	36.0	70.2	1.21	N. E.	¾	1,667	Fair	58.24
" 20	29.956	34.7	71.3	.57	E.	¾	1,968	Fair	57.15
" 27	30.173	32.4	61.6	.21	N.	¼		Fair	57.13
April 3	30.284	46.5	58.9	.40	S. W.	¾	1,473	Cloudy	72.35
" 10	30.169	46.8	60.8	.00	N.	¾	1,099	Fair	62.36
" 17	29.835	42.2	70.2	1.53	N. W.	¾	1,579	Rainy	64.28
" 24	29.874	38.9	48.2	.28	N	¼		Fair	56.20
May 1	29.923	50.1	54.1	.61	E.	¾	2,203	Fair	68.35
" 8	29.918	50.6	59.9	.36	W.	¾	2,018	Fair	63.40
" 15	30.004	61.7	56.4	.11	S. W.	¾		Fair	82.47
" 22	30.087	62.2	41.3	.01	S. W.	¼	1,967	Fair	86.44
" 29	29.974	71.4	62.1	.87	S. W.	¼	1,279	Fair	89.56
June 5	30.143	65.8	57.8	.10	S. W.	¾	1,446	Fair	81.51
" 12	30.029	66.9	75.3	.58	S. W.	¾	1,559	Cloudy	83.56
" 19	29.965	66.5	51.9	.73	N. W.	¼	1,787	Fair	81.52

Barometer corrected for temperature, elevation above mean tide water, and instrumental error.

Meteorological Observations—Continued.

1875. WEEKS ENDING	Mean weekly Barometer.	Mean weekly Thermometer.	Mean weekly Humidity.	Rain-fall in inches.	Prevailing direction of wind.	Average am'nt of cloudiness.	Total wind velocity.	Prevailing state of weather.	Mean daily Humidity.
June 26	30.030	77.3	64.0	.01	S. W...	¼	1,434	Fair.....	95.58
July 3	30.057	75.5	64.9	2.81	W.....	¾	1,542	Fair.....	93.62
" 10	30.089	76.1	74.0	.04	S. W...	¾	1,339	Fair.....	92.62
" 17	29.835	75.8	65.7	.85	W.....	¼	1,459	Fair.....	86.61
" 24	29.973	73.3	62.1	.05	N. W..	¾	1,503	Fair.....	92.60
" 31	30.025	74.5	66.7	2.61	S. W...	¾	1,288	Cloudy..	89.63
August 7	30.625	70 8	80.8	3.00	S. W...	¾	1,802	Rainy...	85.58
" 14	29.932	74.7	77.5	1.71	S. W...	¾	1,465	Cloudy..	84.65
" 21	29.927	75.6	74.3	.78	S. W.	¾	953	Fair.....	83.67
" 28	30.229	66.9	74.5	.99	N. E...	¾	1,738	Cloudy..	80.69
September 4	29.951	74.8	61.1	.00	E.....	¼	1,177	Fair.....	90.62
" 11	30.075	68.5	62.7	.94	W.....	¼	1,756	Fair.....	84.47
" 18	30 046	64.3	71.8	.34	W.....	¾	1,317	Cloudy..	76.46
" 25	30.268	54.2	60.5	1.16	S. W...	¾	1,338	Fair.....	66.45
October 2	29.946	59.2	65.0	.10	S. W...	¼	1,778	Fair.....	77.43
" 9	30.131	58.5	71.1	.09	S. W...	¾	1,594	Fair.....	74.45
" 16	30.029	49.1	72.5	.31	E.....	¾	1,492	Cloudy..	64.35
" 23	30.039	53.5	56.8	.00	N. W..	¼	1,725	Fair.....	74.36
" 30	29.892	55.6	62.4	.95	W.....	¼	1,391	Fair.....	74.39
November 6	29.986	37.8	59.8	.68	N. W..	¾	1,975	Fair.....	48.29
" 13	30.061	44.5	63.4	1.46	N. W..	¾	1,656	Fair.....	62.32
" 20	29.927	41.9	75.1	.48	S. W...	¾	1,778	Fair.....	57.28
" 27	30.324	39.1	73.2	2.27	N	¾	1,456	Rainy...	54.26
December 4	30 311	28.4	62.8	.06	N.....	¾	1,699	Cloudy..	45.8
" 11	29.786	36.3	81.3	1.91	E.....	¾	1,532	Rainy...	43.32
" 18	9.794	30.3	67.3	.05	N. W..	¾	2,305	Fair.....	46.13
" 25	3).182	37.6	74.1	.68	S. W...	¾	1,735	Fair.....	65.4
January 1, 1876	30.238	40.6	94.8	.68	N. E...	¾	1,566	Rainy...	49.26

Barometer corrected for temperature, elevation above mean tide-water, and instrumental error.

F. M. M. BEALL,
Sergeant Signal Service U. S. A.

Table exhibiting, by Sex, and by Months, the number of Deaths registered in the City of Philadelphia during the year 1875, arranged according to classes and orders (still-births included).

CAUSES OF DEATH.	Jan.		Feb.		March.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F	M.	F.	M.	F.
All Causes	718	709	759	726	1013	961	734	722	758	730	996	875	938	884	1018	1008	660	591	613	631	616	566	892	791
Specified Causes	716	704	755	726	1011	960	734	722	754	729	992	870	937	881	1014	1005	659	591	613	629	611	564	891	791
CLASSES.																								
I.—Zymotic Diseases	126	170	133	122	188	202	141	142	130	133	264	281	350	353	301	356	163	148	139	145	123	126	167	178
II.—Constitutional Diseases	145	134	164	143	211	185	158	145	159	167	172	150	143	182	201	208	151	157	146	152	128	124	161	176
III.—Local Diseases	302	278	330	324	420	404	308	291	309	298	361	295	272	214	309	284	210	172	204	212	214	218	372	315
IV.—Developmental Diseases	120	108	106	124	157	160	99	131	122	115	122	128	124	114	144	143	101	93	84	107	113	86	144	103
V.—Violent Deaths	25	19	26	13	37	10	28	13	38	17	77	21	49	21	63	17	35	21	40	15	38	12	48	19
ORDERS.																								
I.—1. Miasmatic Diseases	121	163	129	120	178	198	140	137	127	132	259	274	341	347	295	351	162	141	131	144	114	122	160	177
2. Enthetic Diseases	1	2	...	...	2	...	...	2	...	...	2	3	3	1	1	2	...	...	1	1	1	1	1	...
3. Dietic Diseases	4	3	3	2	7	2	1	2	3	1	3	4	6	3	4	.....	1	7	6	...	7	2	6	1
4. Parasitic Diseases	...	2	1	...	1	2	...	1	...	...	...	...	...	2	1	3	...	...	1	...	1	1	...	...
II.—1. Diathetic Diseases	18	30	21	24	26	30	11	22	22	33	19	27	18	24	22	32	12	28	12	27	9	19	17	44
2. Tubercular Diseases	127	104	143	119	185	155	147	123	137	134	153	123	125	158	179	176	139	129	134	125	119	105	144	132
III.—1. Diseases of Nervous System	102	86	113	106	150	114	103	102	131	108	191	126	128	105	144	139	80	68	67	71	81	65	137	97
2. Diseases of Organs of Circulation	25	36	42	43	40	53	39	38	28	36	43	42	23	23	35	29	22	26	27	20	25	25	43	49
3. Diseases of Respiratory Organs	119	99	122	115	156	149	119	98	90	96	60	56	40	29	45	33	42	23	48	58	66	72	119	87
4. Diseases of Digestive Organs	36	40	31	43	45	56	25	30	34	39	45	43	65	48	71	64	43	39	43	42	31	40	49	53
5. Diseases of Urinary Organs	19	10	20	11	26	24	20	15	23	13	17	18	13	6	13	10	21	12	14	11	11	12	21	17
6. Diseases of Organs of Generation	...	4	...	3	...	5	...	8	...	4	...	7	...	3	.....	6	...	3	...	6	...	3	...	10
7. Diseases of Organs of Locomotion	1	3	1	2	3	3	2	...	1	2	3	2	1	...	1	1	2	...	2	3	...	...	1	2
8. Diseases of Integumentary System	...	...	1	1	.....	...	...	...	2	...	2	1	2	...	.....	2	...	1	3	1	...	1	2	...
IV.—1. Developmental Diseases of Children	58	39	50	52	81	70	49	45	65	37	60	57	53	42	64	53	53	34	40	51	59	34	68	46
2. Developmental Diseases of Adults	...	1	...	3	.....	4	...	5	...	5	...	2	...	3	.....	4	...	5	...	1	...	2	...	2
3. Developmental Diseases of Old People	12	26	17	22	13	29	12	31	14	30	22	22	12	25	21	24	18	23	12	29	9	20	23	26
4. Diseases of Nutrition	50	42	39	47	63	57	38	50	43	43	40	47	59	44	59	62	30	31	32	26	45	30	53	29
V.—1. Accident or Negligence	18	14	19	11	27	7	23	12	27	11	62	15	41	15	47	10	30	20	35	12	27	9	43	17
3. Homicide	2	...	...	...	2	...	2	1	2	2	3	1	...	2	3	1	...	...	...	...	2	...	2	2
4. Suicide	2	...	3	2	6	2	3	...	5	3	6	...	7	1	9	2	3	1	5	1	4	1	2	...
6. Violent Deaths (not classed)	1	...	...	...	.....	...	...	...	...	...	2	...	...	...	.....	1	1	...	...	...	...	...	...	...
Causes not specified or ill-defined	2	5	4	...	2	1	...	...	4	1	4	5	1	3	4	3	1	...	...	2	5	2	1	...

Table exhibiting the number of registered deaths, &c.—Continued.

CAUSES OF DEATH.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
CLASS 1—Zymotic Diseases	126	170	133	122	188	202	141	142	130	133	264	281	350	353	301	356	163	148	139	145	123	126	167	178
I.—*Order* 1. Miasmatic Diseases	121	163	129	120	178	198	140	137	127	132	259	274	341	347	295	351	162	141	131	144	114	122	160	177
Small-Pox	...	...	...	1	1	4	4	1	...	1	2	...	...	1	5	2	1	1	14	1	5	3	11	10
Measles	1	1	1	1	1	1	...	...	...	...	2	1	1	...	...	...	...	...	...	...	1	...	1	...
Scarlet Fever	42	60	47	42	67	82	67	54	54	50	91	80	39	48	32	31	14	16	2	19	14	18	18	33
Diphtheria	20	21	14	13	26	2	23	24	24	22	28	37	23	22	22	35	23	19	38	38	31	34	50	47
Quinsy	1	...	1	2	...	...	1	...	...	...	2	...	...	...	...	...	...	2	2	1	...	...	1	...
Croup	26	31	16	23	17	21	11	13	10	12	21	17	10	10	7	7	20	13	20	23	18	29	26	27
Whooping-Cough	1	4	1	3	2	2	4	2	...	3	5	7	4	9	10	17	12	9	8	6	2	4	2	8
Typhus Fever	...	1	...	1	2	...	...	...	2	...	...	3	...	1	1	2	2	1	...	2	...	...	2	1
Typhoid Fever	17	18	16	14	21	20	13	8	13	15	14	19	10	15	24	27	21	17	14	21	19	11	27	26
Erysipelas	4	6	8	2	5	9	5	7	4	3	7	2	2	3	2	1	1	1	2	2	4	3	3	1
Puerperal Fever	...	10	...	5	...	14	...	10	...	9	...	8	...	2	...	5	...	4	...	3	...	1	...	9
Carbuncle	...	2	1	...	1	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...
Influenza	...	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...
Dysentery	...	...	1	...	4	1	...	1	3	3	2	2	3	6	10	14	5	3	3	6	6	3	1	1
Diarrhœa	1	...	6	1	13	4	1	3	2	...	4	7	11	18	17	14	8	14	5	5	4	2	6	5
Cholera Morbus	...	1	...	...	...	1	...	...	2	2	2	4	7	9	9	7	2	...	1	...	...	...	...	...
Cholera Infantum	1	1	2	...	3	1	2	3	4	5	64	70	226	194	145	171	37	38	10	6	2	4	2	1
Intermittent Fever	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	1	...	...
Rheumatism	1	1	7	2	5	2	1	1	4	2	6	4	...	2	2	3	...	...	2	...	2	4	1	1
Cerebro-spinal Meningitis	3	2	5	5	6	3	3	4	4	3	7	5	2	2	1	6	5	...	2	3	1	3	4	4
Pyæmia	3	2	3	1	3	7	1	3	...	1	1	5	1	5	1	4	2	2	5	...	1	1	3	...
Septicæmia	...	...	...	2	...	...	1	...	...	...	...	2	...	...	1	...	3	...	1	2	...	...	...	1
Remittent Fever	...	2	...	1	...	4	1	2	...	1	1	1	1	...	4	4	5	1	2	5	3	1	2	2
Other Zymotic Diseases	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
I.—*Order* 2. Enthetic Diseases	1	2	...	...	2	...	...	2	...	...	2	3	3	1	1	2	...	...	1	1	1	1	1	...
Syphilis	1	2	...	...	2	...	...	2	...	...	2	3	3	1	1	2	...	...	...	1	1	1	...	...
Hydrophobia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...
I.—*Order* 3. Dietic Diseases	4	3	3	2	7	2	1	2	3	1	3	4	6	3	4	...	1	7	6	...	7	2	6	1
Purpura and Scurvy	2	1	...	...	1	2	1	1	1	...	...	2	...	...	1	...	1	5	2	...	2	1	4	1
Alcoholism	2	2	3	2	6	...	...	1	2	1	3	2	6	3	3	...	...	2	4	...	5	1	2	...

Table exhibiting the number of registered deaths, &c.—Continued.

CAUSES OF DEATH.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.
I.—*Order* 4. Parasitic Diseases	...	2	1	...	1	2	...	1	...	...	...	...	...	2	1	3	...	...	1	...	1	1	...	...
Thrush	...	2	1	...	1	2	...	1	...	...	...	...	...	1	1	3	...	...	1	...	1	1	...	...
Worms	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
CLASS II.—Constitutional Diseases	145	134	164	143	211	185	158	145	159	167	172	150	143	182	201	208	151	157	146	152	128	124	161	176
II.—*Order* 1. Diathetic Diseases	18	30	21	24	26	30	11	22	22	33	19	27	18	24	22	32	12	28	12	27	9	19	17	44
Gout	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
Dropsy	7	5	8	7	11	11	1	6	7	8	7	10	5	5	9	7	...	8	4	7	1	5	5	11
Anæmia	...	2	3	1	2	...	...	1	2	1	2	1	...	2	2	...	1	...	...	...	1	1	...	2
Cancer	10	22	10	15	8	18	5	10	8	22	7	16	13	16	8	23	10	19	6	18	6	13	10	25
Cancrum Oris	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Gangrene	1	1	...	1	3	1	4	5	4	2	3	...	...	...	2	2	1	...	1	1	...	...	1	5
Leucocythæmia	...	...	...	...	1	...	...	...	...	...	...	...	...	1	1	...	...	1	1	...	...	...	1	1
II.—*Order* 2. Tubercular Diseases	127	104	143	119	185	155	147	123	137	134	153	123	125	158	179	176	139	129	134	125	119	105	144	132
Scrofula	1	2	2	4	3	...	2	1	1	2	2	1	4	4	2	...	1	1	1	3	4	...	2	...
Tabes Mesenterica	25	19	20	21	31	20	18	17	30	16	45	35	50	47	84	62	45	51	35	15	20	17	26	17
Phthisis Pulmonalis	94	80	116	89	136	180	119	100	98	111	97	83	62	99	82	109	87	73	93	104	92	84	109	112
Hydrocephalus	7	3	5	5	15	5	8	5	8	5	9	4	9	8	11	5	6	4	5	3	3	4	7	3
CLASS III.—Local Diseases	302	278	330	324	420	404	308	291	309	298	361	295	272	214	309	284	210	172	204	212	214	218	372	315
III.—*Order* 1. Nervous Diseases	102	86	113	106	150	114	103	102	131	108	191	126	128	105	144	139	80	68	67	71	81	65	137	97
Cephalitis	15	7	23	14	24	18	24	18	32	23	31	23	19	21	32	27	16	9	15	13	12	6	17	17
Myelitis	3	1	...	...	2	1	...	...	4	...	1	...	...	...	...	3	...	...	...	1	...	1	...	...
Apoplexy	12	9	11	14	17	11	12	10	15	10	15	12	6	7	9	10	10	6	13	7	5	10	17	12
Paralysis	7	13	11	15	12	16	12	17	12	14	15	8	11	15	15	16	5	7	4	16	7	13	12	14
Insanity	...	1	...	2	...	...	...	...	...	2	1	1	...	...	2	...	...	...	...	...	...	...	...	...
Chorea	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...
Epilepsy	1	1	4	...	1	2	1	3	1	1	1	2	1	2	...	1	...	...	1	...	1	3	3	2
Convulsions	35	33	33	31	48	36	23	32	30	31	59	47	44	38	49	36	21	22	18	18	29	20	49	29
Tetanus	2	...	1	3	2	1	2	1	...	1	2	4	5	1	2	4	6	3	1	...	5	1	1	1
Congestion of Brain	12	13	10	16	26	20	17	10	20	18	32	14	33	12	19	26	10	15	9	8	17	8	21	8
Locomotor Ataxy	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...

Table exhibiting the number of registered deaths, &c.—Continued.

CAUSES OF DEATH.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Neuralgia	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	..	...	...
Shock	1	...	...	1	2	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	1
Sun-stroke	...	...	...	...	...	...	...	...	...	...	14	3	...	1	2	...	...	...	...	...	...	...	...	...
Otitis	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Brain Disease, &c	14	8	20	9	16	9	11	9	16	7	17	11	9	8	13	15	12	5	6	8	5	3	17	13
III.—*Order* 2. Diseases of Organs of Circulation	25	36	42	43	40	53	39	38	28	36	43	42	23	23	35	29	22	26	27	20	25	25	43	49
Pericarditis	3	4	3	3	4	9	5	4	2	7	7	7	2	2	6	7	2	1	3	3	1	4	3	6
Aneurism	1	...	...	...	1	...	3	...	1	...	4	...	1	...	...	...	3	...	2	2	3	1	1	...
Angina Pectoris	...	...	1	2	2	2	...	...	1	...	1	...	3	1	2	...	...	2	1	...	...	2	2	2
Hypertrophy of Heart	2	2	...	4	...	5	3	2	1	1	2	1	3	2	...	3	...	2	...	1	1	1	1	2
Embolism	...	1	1	..	...	1	1	...	1	...	...	4	...	...	...	...	...	...	1	...	1	...	1	...
Heart Disease, &c	19	29	37	34	33	36	27	32	22	28	29	30	14	18	27	19	17	21	20	14	19	17	35	39
III.—*Order* 3. Diseases of Respiratory Organs	119	99	122	115	156	149	119	98	90	96	60	56	40	29	45	33	42	23	48	58	66	72	119	87
Laryngitis	3	2	5	4	5	4	3	3	1	2	1	1	1	1	...	2	5	1	1	2	1	7	4	3
Bronchitis	17	24	23	15	25	37	17	8	18	15	10	9	6	4	6	7	6	4	6	10	11	12	24	29
Pleurisy	4	7	5	2	8	4	3	3	4	5	5	4	4	4	3	2	3	2	2	6	4	1	6	2
Pneumonia	73	53	69	75	91	84	73	66	56	59	31	31	12	8	21	15	17	9	31	25	35	41	68	42
Asthma	2	3	1	7	2	4	3	2	4	1	1	2	2	2	3	2	4	...	4	3	3	1	3	3
Lung Disease, &c	20	10	19	12	25	16	20	16	7	14	12	8	15	10	12	5	7	7	4	12	12	10	14	8
III.—*Order* 4. Diseases of Digestive Organs	36	40	31	43	45	56	25	30	34	39	45	43	65	48	71	64	43	39	43	42	31	40	49	53
Pharyngitis	1	...	2	1	...	...	...	...	...	...	2	2	...	1	...	...	1	1	2	2	...	1	3	...
Gastritis	2	1	2	3	1	...	...	...	...	1	...	...	...	1	3	1	...	1	...	...	1	1	1	...
Enteritis	7	14	11	12	22	16	5	9	15	12	15	19	36	17	42	39	21	13	13	15	8	11	10	20
Peritonitis	5	8	2	10	6	14	3	7	3	6	7	8	2	10	9	5	7	3	7	10	4	10	8	8
Ascites	2	6	2	2	...	4	1	2	1	4	4	4	3	1	1	...	1	1	...	1	1	1	1	4
Ulceration of Intestines	1	2	...	...	2	...	1	2	1	2	...	...	1	...	1	...	...	1	4	2	1	2	1	1
Hernia	1	...	...	...	...	1	...	...	...	2	1	1	2	2	...	1	1	1	1	...	...	1	1	2
Ileus	1	2	1	3	...	5	1	1	1	...	5	1	2	2	2	1	2	1	...	1	4	1	2	2
Intussusception	...	...	2	1	1	3	3	...	...	...	...	...	1	1	1	1	...	1	2	...	...	...	...	1
Stricture of Intestines	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	...
Fistula	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Table exhibiting the number of registered deaths, &c.—Continued.

CAUSES OF DEATH.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.
Stomach Disease, &c	2	2	1	...	...	1	...	...	1	...	2	...	...	2	...	1	1	1	3	4	...	1	2	2
Disease of Intestines, &c	1	...	1	1	...	1	2	2	4	2	1	...	2	1	...	4	...	2	1	3	2	...	3	1
Hepatitis	2	1	2	5	3	3	2	1	3	1	2	3	5	2	2	3	3	4	1	2	2	5	4	5
Jaundice	1	...	1	2	3	1	1	2	2	3	...	1	..	1	2	2	1	2	...	...	2	1	2	3
Liver Disease, &c	10	4	4	3	6	6	5	3	3	5	6	4	10	7	8	4	5	7	9	2	6	4	10	4
Spleen Disease, &c.	...	...	...	...	...	1	1	1	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...
III —*Order* 5. Diseases of Urinary Organs	19	10	20	11	26	24	20	15	23	13	17	18	13	6	13	10	21	12	14	11	11	12	21	17
Nephritis	3	4	2	3	4	2	3	...	1	2	2	...	3	...	1	1	3	3	3	...	1	2	2	2
Ischuria	...	...	1	...	...	1	...	...	1	...	...	...	...	1	...	...	1	...	...	...	...	...	1	...
Bright's Disease (Nephria)	10	5	9	6	12	14	11	10	9	6	9	11	5	2	9	5	10	6	5	7	4	7	9	12
Diabetes	2	...	...	...	3	2	1	...	3	1	1	1	2	...	...	...	...	1	...	...	2	...	...	1
Cystitis	...	...	2	...	3	1	3	...	3	1	1	...	2	...	2	1	4	...	1	...	1	...	3	2
Kidney Disease, &c	4	1	6	2	4	4	2	5	6	3	4	6	1	3	1	3	3	2	5	4	3	3	6	...
III —*Order* 6. Diseases of Organs of Generation	...	4	...	3	...	5	...	8	...	4	...	7	...	3	...	6	...	3	...	6	...	3	...	10
Ovarian Dropsy	...	1	...	...	...	2	...	1	...	1	...	2	...	1	...	...	...	...	...	2	...	1	...	1
Disease of Uterus, &c	...	3	...	3	...	3	...	7	...	3	...	5	...	2	...	6	...	3	...	4	...	2	...	9
III.—*Order* 7. Diseases of Organs of Locomotion	1	3	1	2	3	3	2	...	1	2	3	2	1	...	1	1	2	..	2	3	...	...	1	2
Arthritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Joint Disease, &c	1	3	1	2	3	3	2	...	1	2	3	2	1	...	1	1	2	...	2	3	...	...	1	2
III.—*Order* 8.—Diseases of Integumentary System	...	...	1	1	...	...	...	...	2	...	2	1	2	...	...	2	...	1	3	1	...	1	2	...
Phlegmon	...	...	1	...	...	...	...	...	1	...	2	1	2	...	...	2	...	1	3	...	...	...	1	...
Ulcer	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Skin Disease, &c	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...
Class IV.—Developmental Diseases	120	108	106	121	157	160	99	131	122	115	122	128	124	114	144	113	101	93	84	107	113	86	144	103
IV.—*Order* 1. Developmental Diseases of Children	58	39	50	52	81	70	49	45	65	37	60	57	53	42	64	53	53	34	40	51	59	34	68	46
Premature Birth	11	11	12	15	19	11	10	8	8	10	19	18	13	8	14	5	15	7	12	9	10	8	14	7
Cyanosis	8	2	4	3	8	6	6	5	5	2	4	5	5	5	3	4	2	3	4	3	3	...	3	4
Spina Bifida	1	..	1	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	2	...	...	...	...
Other Malformations	1	1	...	...	...	...	...	...	2	1	1	2	...	1	1	3	...	1	...	1	...	...	...	...	1

Table exhibiting the number of registered deaths, &c.—Continued.

CAUSES OF DEATH.	Jan.		Feb.		Mar.		April.		May.		June.		July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M	F.	M.	F.	M.	F.	M.	F.	M.	F.
Teething	...	1	1	...	3	3	3	1	2	...	2	...	3	2	3	3	2	2	1	1	...	...	2	1
Still-born	37	24	32	34	51	50	30	31	48	24	34	31	32	5	43	38	33	21	23	35	40	26	49	33
IV.—*Order* 2. Developmental Diseases of Adults	...	1	...	3	...	4	...	5	...	5	...	2	...	3	...	4	...	5	...	1	...	2	...	2
Paramenia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Child birth	...	1	...	3	...	4	...	5	...	5	...	2	...	3	...	4	...	5	...	1	...	2	...	2
IV.—*Order* 3. Developmental Diseases of Old People	12	26	17	22	13	29	12	31	14	30	22	22	12	25	21	24	18	23	12	29	9	20	23	26
Old Age	12	26	17	22	13	29	12	31	14	30	22	22	12	25	21	24	18	23	12	29	9	20	23	26
IV.—*Order* 4. Diseases of Nutrition	50	42	39	47	63	57	38	50	43	43	40	47	59	44	59	62	30	31	32	26	45	30	53	29
Atrophy and Debility	50	42	39	47	63	57	38	50	43	43	40	47	59	44	59	62	30	31	32	26	45	30	53	29
Class V.—Violent Deaths	25	19	26	13	37	10	28	13	38	17	77	21	49	21	63	17	35	21	40	15	38	12	48	19
V.—*Order* 1. Accident or Negligence	18	14	19	11	27	7	23	12	27	11	62	15	41	15	47	10	30	20	35	12	27	9	43	17
Fractures and Contusions	2	2	...	...	1	1	2	1	3	...	1	...	1	1	...	3	3	2	1	...	1	...	...	2
Wounds	...	...	...	1	...	...	...	...	...	...	...	...	3	1	...	1	1	...	1	...	2	...	...	...
Burns and Scalds	3	6	1	4	1	2	1	6	1	3	5	6	1	4	4	2	1	6	2	4	2	5	4	7
Poison	...	...	2	1	3	1	1	...	2	1	3	2	...	1	2	2	1	2	1	1	...	...	1	...
Drowning	2	...	3	...	7	...	5	...	7	...	24	2	18	...	21	..	7	...	6	3	6	...	7	1
Suffocation	3	2	2	1	3	2	3	1	2	3	4	1	...	4	2	1	5	3	3	1	...	1	2	1
Otherwise	8	4	11	4	12	1	11	4	12	4	25	4	18	4	18	1	12	7	21	3	16	3	29	6
V.—*Order* 3. Homicide	2	...	...	...	2	...	2	1	2	2	3	1	...	2	3	1	...	...	...	...	2	...	2	2
V.—*Order* 4. Suicide	2	...	3	2	6	2	3	...	5	3	6	...	7	1	9	2	3	1	5	1	4	1	2	...
Wounds	...	...	...	1	1	...	3	...	2	...	1	...	2	1	3	...	2	...	1	...	1	1	...	...
Poison	2	...	2	...	1	1	...	...	1	1	1	...	...	...	2	1	...	1	1	...	1	...	1	...
Drowning	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	1	1	...	1	...
Hanging	...	...	...	...	...	1	...	...	2	2	2	...	2	...	2	1	...	...	3	...	1	...	...	...
Otherwise	...	...	1	1	4	...	...	...	...	...	1	...	1	...	2	...	1	...	...	...	...	...	...	...
V.—*Order* 6. Violent Deaths (not classed)	1	...	...	...	...	...	...	...	...	...	2	...	...	...	...	1	1	...	...	...	...	...	...	...
Causes not specified, or ill defined	2	5	4	...	2	1	...	...	4	1	4	5	1	3	4	3	1	...	...	2	5	2	1	...

Deaths from All Causes registered in the City of Philadelphia for the year 1875 (*Still-births included*).

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
ALL CAUSES.	18,908	9715	9193	5366	4854	5131	1465	1878	935	308	503	1627	1563	1304	1225	1186	1121	549	101	11	1	8688	10,220	581	1020
SPECIFIED CAUSES.	18,857	9686	9171	5350	4845	5111	1463	1876	935	307	503	1624	1558	1397	1222	1180	1120	548	101	11	1	8662	10,195	580	1013
CLASSES.																									
I.—Zymotic Diseases	4,581	2225	2356	1832	1900	1167	627	1130	599	110	99	261	172	124	104	86	74	23	5	.....	.....	849	3,732	75	161
II.—Constitutional Diseases	3,863	1939	1924	677	566	637	185	125	47	41	208	755	651	481	339	240	118	33	3	.....	.....	2620	1,243	159	251
III.—Local Diseases	6,913	3610	3303	1690	1490	1492	599	562	246	125	156	454	604	562	656	677	586	175	16	3	.....	3733	3 180	214	392
IV.—Developmental Diseases	2,848	1436	1412	1029	804	1760	38	16	11	1	7	43	44	38	54	124	323	303	77	8	1	1015	1,833	130	193
V.—Violent Deaths	703	505	198	138	94	75	16	45	32	31	33	114	92	99	72	59	20	15	.....	.....	.....	471	232	3	23
ORDERS.																									
I.—1. Miasmatic Diseases	4,463	2157	2306	1810	1874	1135	624	1123	594	110	98	249	146	106	100	81	70	23	4	.....	.....	779	3,684	60	154
2. Enthetic Diseases	24	12	12	7	9	13	1	1	1	.....	... ..	1	3	4	.....	.....	.....	.....	.....	.....	.....	8	16	7	7
3. Dietic Diseases	78	51	27	10	7	9	.....	4	3	.....	1	11	23	14	4	5	3	.....	1	.....	.....	61	17	7	.....
4. Parasitic Diseases	16	5	11	5	10	10	2	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	15	1	.....
II.—1. Diathetic Diseases	548	207	341	42	36	10	4	33	15	8	8	21	58	96	113	99	62	19	2	.....	.....	470	78	11	20
2. Tubercular Diseases	3 315	1732	1583	635	530	627	181	92	32	33	200	734	593	385	226	141	56	14	1	.....	.....	2150	1,165	148	231
III.—1. Diseases of Nervous System	2,614	1427	1187	860	729	830	319	291	87	24	38	92	152	142	190	201	174	64	8	2	.....	1025	1,589	53	124
2. Diseases of Organs of Circulation	811	392	419	57	85	23	2	17	35	35	30	84	105	116	116	112	114	20	2	.....	.....	669	142	33	61
3. Diseases of Respiratory Organs	1,941	1026	915	482	443	416	215	172	61	23	35	116	183	143	163	188	159	60	3	1	.....	1016	925	56	135
4. Diseases of Digestive Organs	1,054	518	536	225	173	205	58	46	28	27	34	96	94	103	134	116	89	21	3	.....	.....	656	398	29	41
5. Diseases of Urinary Organs	377	218	159	49	39	7	2	33	26	11	9	42	44	46	44	56	47	10	.....	.....	.....	289	88	41	23

CAUSES OF DEATH.	NATIVITY.			WARDS.																									
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
ALL CAUSES.	14,628	3570	710	955	794	493	662	484	275	792	472	317	510	426	321	377	431	1024	419	590	723	1814	940	421	537	491	758	576	1197	1034	422	653
SPECIFIED CAUSES.	14,592	3558	707	951	794	493	660	482	275	787	468	317	510	423	321	776	431	1023	419	589	720	1808	940	419	534	490	757	573	1190	1032	422	653
CLASSES.																																
I.—Zymotic Diseases	4,104	403	74	281	204	102	170	90	71	120	72	47	96	102	87	100	97	234	112	146	170	475	223	185	153	112	184	147	312	158	141	160
II.—Constitutional Diseases	2,729	956	178	193	170	105	131	97	60	181	116	73	107	71	71	66	82	198	71	135	149	372	196	56	94	98	152	99	255	250	68	147
III.—Local Diseases	5,118	1532	263	324	266	180	245	197	97	312	191	122	224	165	117	146	183	382	16	206	282	648	369	118	200	164	268	198	384	404	138	223
IV.—Developmental Diseases	2,266	400	122	128	133	90	93	79	28	146	75	52	69	55	35	48	55	171	62	81	104	266	125	46	71	62	110	97	198	199	66	104
V.—Violent Deaths	411	219	73	29	21	16	23	21	19	33	18	23	14	33	11	17	14	39	14	22	18	53	27	16	19	25	44	35	48	23	9	19
ORDERS.																																
I.—1. Miasmatic Diseases	4,027	378	58	275	196	99	165	85	70	115	71	46	95	95	86	98	90	233	111	145	168	464	221	184	152	138	183	143	303	139	139	154
2. Enthetic Diseases	19	2	3	1	1	.....	1	3	.....	2	.....	.....	.....	.....	.....	1	2	.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	1	7	.....	1
3. Dietic Diseases	43	22	13	5	7	3	3	2	1	3	1	1	.....	7	1	1	5	1	1	.....	.....	7	1	.....	1	3	.....	3	4	11	1	5
4. Parasitic Diseases	15	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	1	1	1	.....	1	1	1	4	1	1	.....
II.—1. Diathetic Diseases	322	206	26	33	37	12	18	10	1	25	12	15	17	8	13	13	14	26	6	14	20	41	30	12	19	22	21	12	36	24	20	17
2. Tubercular Diseases	2,407	750	158	160	133	93	113	87	59	156	104	58	90	63	58	53	68	172	65	121	129	331	166	44	75	76	131	87	219	226	48	130
III.—1. Diseases of Nervous System	2,158	386	79	133	113	72	75	64	45	111	63	42	80	72	48	57	77	143	75	87	111	252	147	39	89	64	93	66	144	109	50	89
2. Diseases of Organs of Circulation	526	231	54	34	23	18	26	32	10	41	31	17	33	17	16	25	24	39	16	12	22	57	44	19	22	21	32	23	44	74	15	24
3. Diseases of Respiratory Organs	1,405	483	53	100	88	42	86	68	21	97	53	34	54	38	27	42	39	101	45	54	72	205	105	38	45	41	84	54	106	106	36	60
4. Diseases of Digestive Organs	720	305	29	42	27	37	38	20	13	37	34	19	35	27	16	14	28	66	20	41	60	106	47	15	38	25	34	42	55	58	32	28
5. Diseases of Urinary Organs	228	95	54	10	12	6	16	9	4	17	9	8	18	11	7	7	9	25	3	10	12	16	20	5	5	11	24	4	25	54	5	15

Causes of Death—Continued.

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
6. Diseases of Generative Organs	62	.....	62	.....	2	.....	1	.....	.....	.....	1	20	22	8	7	1	2	.....	.....	.....	.....	60	2	.....	5
7. Diseases of Organs of Locomotion	36	18	18	9	13	3	1	1	8	5	4	3	4	2	1	3	1	.....	.....	.....	.....	14	22	1	2
8. Diseases of Integumentary System	18	11	7	8	6	8	1	2	1	.....	2	1	.....	2	1	.....	.....	.....	.....	.....	.....	4	14	1	1
IV.—1. Developmental Diseases of Children	1,260	700	560	700	560	1242	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,260	4	92
2. Developmental Diseases of Adults	37	.....	37	.....	2	.....	.....	.....	.....	.....	2	23	8	4	.....	.....	.....	.....	.....	.....	.....	35	2	.....	1
3. Developmental Diseases of Old People	492	185	307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	153	250	75	8	1	492	.....	20	27
4. Diseases of Nutrition	1,059	551	508	329	242	518	21	15	11	1	5	20	36	34	53	120	170	53	2	.....	.....	488	571	106	73
V.—1. * Accident or Negli- † gence	552	399	153	119	78	50	14	42	32	30	29	94	70	66	54	41	16	14	.....	.....	.....	355	197	1	16
3. Homicide	27	18	9	2	4	4	.....	1	.....	.....	1	9	2	7	2	1	.....	.....	.....	.....	.....	21	6	.....	.....
4. Suicide	68	55	13	1	2	.....	.....	.....	.....	.....	3	8	14	18	11	11	3	.....	.....	.....	.....	65	3	.....	.....
Causes not specified or ill-defined	51	29	22	16	9	20	2	2	.....	1	.....	3	5	7	3	6	1	1	.....	.....	.....	26	25	1	7
CLASS I.—Zymotic Diseases	4,581	2225	2356	1832	1900	1167	627	1130	599	110	93	261	172	124	104	86	74	23	5	.....	.....	849	3,732	75	161
I.—ORDER 1. Miasmatic Diseases	4,463	2157	2306	1810	1874	1135	624	1123	594	110	98	249	146	106	100	81	70	23	4	.....	.....	779	3,684	60	154
Small-Pox	56	31	25	21	20	10	4	14	7	1	5	10	3	1	1	.....	.....	.....	.....	.....	.....	15	41	.....	4
Measles	12	8	4	8	4	4	.....	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
Scarlet Fever	1,032	499	533	492	527	68	176	486	240	40	9	11	2	.....	.....	.....	.....	.....	.....	.....	.....	13	1,019	.....	10
Diphtheria	656	322	334	316	327	43	84	281	203	28	4	6	4	1	.....	2	.....	.....	.....	.....	.....	13	643	.....	13
Quinsy	13	8	5	7	5	.....	3	8	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	12	.....	2

* For want of definite information, some causes of death are placed under this order that properly belong under Order No. 4.

† Order 2 Comprises Violent Deaths in Battle, and is therefore omitted.

CAUSES OF DEATH.	Nativity. U. States.	Nativity. Foreign.	Nativity. Unknown.	Wards. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
6. Diseases of Generative Organs	41	21	.....	3	2	1	1	2	1	4	1	.....	2	.....	2	1	3	4	1	1	5	5	5	1	1	1	.....	6	5	.....	.....	4
7. Diseases of Organs of Locomotion	24	9	3	2	.....	2	2	2	2	5	.....	2	1	.....	1	.....	1	1	.....	1	.....	4	1	1	.....	.....	.....	1	3	2	.....	2
8. Diseases of Integumentary System	16	2	.....	.....	1	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....	.....	3	.....	.....	.....	1	1	2	2	1	.....	1
IV.—1. Developmental Diseases of Children	1,260	.....	.....	67	71	33	40	38	12	67	33	26	25	34	17	25	31	79	28	39	50	120	54	19	36	25	52	44	82	23	36	54
2. Developmental Diseases of Adults	27	10	.....	1	1	4	1	.....	2	1	.....	2	.....	.....	.....	.....	1	2	3	1	1	2	2	1	2	2	1	1	5	.....	.....	1
3 Developmental Diseases of Old People	234	224	34	15	13	11	15	11	5	28	23	11	15	6	5	9	9	34	11	5	23	35	26	6	18	20	19	12	29	37	13	25
4. Diseases of Nutrition	745	226	88	45	48	39	37	30	9	50	19	13	29	15	13	14	14	56	20	36	30	109	43	20	15	15	38	40	82	139	17	24
V.—1. * Accident or Negligence †	329	167	56	24	17	14	18	16	19	26	12	21	12	27	10	13	9	30	10	17	11	38	17	13	12	23	38	26	39	15	8	17
3 Homicide	14	8	5	.....	2	.....	1	1	.....	1	.....	1	2	1	.....	.....	1	3	1	.....	.....	2	2	1	1	.....	2	3	1	1	.....	.....
4. Suicide	30	39	8	.....	2	2	2	.....	1	2	1	.....	2	1	3	4	4	3	4	4	6	8	.....	3	1	3	3	1	3	1	2	
Causes not specified or ill-defined	36	12	3	4	.....	.....	2	2	.....	5	4	.....	.....	3	.....	1	.....	1	.....	1	3	6	.....	2	3	1	1	3	7	2	.....	.....
Class I.—Zymotic Diseases	4,104	403	74	281	204	102	170	90	71	120	72	47	96	102	87	100	97	234	112	146	170	475	223	185	153	142	184	147	312	158	141	160
I.—Order 1. Miasmatic Diseases	4,027	378	58	275	196	99	165	85	70	115	71	46	95	95	86	98	90	233	111	145	168	464	221	184	152	138	183	143	303	139	139	154
Small-Pox	49	7	.....	3	15	.....	1	.....	1	.....	.....	.....	3	4	.....	.....	4	1	1	1	.....	1	.....	.....	.....	1	.....	2	4	.....	13	1
Measles	12	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	1	.....	.....	.....	1	1	.....	.....	1	.....	.....	1	.....	.....	1	2	.....	.....	.....	.....
Scarlet Fever	1,015	17	.....	83	56	30	43	13	12	17	7	5	13	18	23	27	19	36	31	42	51	114	69	20	55	41	27	23	85	16	25	31
Diphtheria	644	12	.....	31	22	8	16	19	12	15	14	7	14	20	10	20	18	45	30	16	11	43	24	72	20	15	32	26	59	4	14	19
Quinsy	11	2	.....	1	1	1	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	2	.....	.....	1	2	.....	.....	.....

* For want of definite information, some causes of death are placed under this order that properly belong under Order No. 4

† Order 2 Comprises Violent Deaths in Battle and is therefore omitted.

Causes of Death—Continued.

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120				
Croup	428	202	226	202	225	37	87	224	78	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	427	1	4
Whooping-Cough	125	51	74	51	74	81	28	13	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	.....	7
Typhus Fever	21	9	12	3	2	.....	.....	.....	1	1	3	6	5	1	4	.....	.....	.....	.....	.....	16	5	.....	1
Typhoid Fever	420	209	211	70	76	7	2	20	38	21	58	120	51	33	35	20	10	5	.....	.....	274	146	9	14
Erysipelas	87	47	40	18	13	25	3	1	2	.....	.....	8	5	7	11	14	6	4	1	.....	56	31	7	4
Puerperal Fever	80	.....	80	.....	5	.....	.....	.....	.....	.....	5	42	23	10	.....	.....	.....	.....	.....	.....	75	5	7	7
Carbuncle	7	5	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	5	.....	.....	.....	7	.....	.....	.....
Influenza	5	2	3	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	3	2	.....	.....
Dysentery	78	38	40	17	21	18	11	7	.....	.....	2	4	8	4	7	7	8	1	1	.....	40	38	4	5
Diarrhœa	151	78	73	40	23	46	13	2	1	.....	1	4	9	18	14	18	16	7	2	.....	88	63	14	4
Cholera Morbus	47	23	24	6	5	5	1	1	2	2	.....	2	7	2	12	7	5	1	.....	.....	36	11	.....	3
Cholera Infantum	992	498	494	498	494	772	195	23	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	992	10	58
Intermittent Fever	5	3	2	1	.....	.....	.....	.....	1	.....	.....	.....	1	2	.....	.....	1	.....	.....	.....	4	1	1	.....
Remittent Fever	43	19	24	8	8	2	1	8	2	2	1	5	6	4	5	.....	4	3	.....	.....	27	16	2	.....
Rheumatism	53	31	22	7	3	.....	1	1	1	6	1	8	5	12	3	8	7	.....	.....	.....	43	10	.....	4
Cerebro-Spinal Meningitis	83	43	40	35	34	14	12	23	9	7	4	2	3	5	3	.....	1	.....	.....	.....	14	69	2	6
Pyæmia	55	24	31	7	6	1	1	4	1	1	5	13	12	6	4	3	4	.....	.....	.....	42	13	2	6
Septicæmia	13	6	7	1	1	.....	1	1	.....	.....	.....	5	2	.....	1	1	2	.....	.....	.....	11	2	1	2
Other Zymotic Diseases	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
I.—Order 2. Enthetic Diseases	24	12	12	7	9	13	1	1	1	.....	.....	1	3	4	.....	.....	.....	.....	.....	.....	8	16	7	7
Syphilis	22	10	12	6	9	13	1	1	.....	.....	.....	1	3	3	.....	.....	.....	.....	.....	.....	7	15	7	7
Hydrophobia	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....
I.—Order 3. Dietic Diseases	78	51	27	10	7	9	.....	4	3	.....	1	11	23	14	4	5	3	.....	1	.....	61	17	7	.....
Purpura and Scurvy	28	15	13	10	7	9	.....	4	3	.....	1	4	3	2	2	.....	.....	.....	.....	.....	11	17	2	.....
Alcoholism { Delirium tremens / Intemperance	50	36	14	.....	.....	.....	.....	.....	.....	.....	.....	7	20	12	2	5	3	.....	1	.....	50	.....	5	.....
I.—Order 4. Parasitic Diseases	16	5	11	5	10	10	2	2	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	15	1	.....
Thrush	15	5	10	5	9	10	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	14	1	.....
Worms	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Croup	423	4	1	45	19	10	16	4	6	9	3	2	11	7	16	10	8	18	18	16	12	40	19	38	10	13	9	19	18	8	9	15
Whooping-Cough	125	.....	.....	8	4	1	9	1	.....	5	2	1	1	3	1	2	2	6	3	6	6	12	4	2	3	5	17	3	2	4	9	3
Typhus Fever	12	9	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2	1	.....	1	8	3	.....	1	.....	1	.....	.....	1	.....	.....
Typhoid Fever	290	116	14	18	15	11	13	8	8	11	7	4	7	5	8	10	9	8	7	11	28	74	33	4	13	23	15	6	21	15	13	15
Erysipelas	62	18	7	3	4	1	4	1	1	5	2	2	4	.....	.....	.....	1	7	3	2	5	10	.....	.....	2	3	4	5	2	13	.....	3
Puerperal Fever	39	33	8	2	3	1	3	4	.....	4	3	2	2	1	2	.....	2	4	.....	2	.....	7	3	1	2	1	2	4	9	9	3	4
Carbuncle	4	3	.....	1	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Influenza	5	.....	.....	.....	.....	1	.....	.....	.....	.....	3	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Dysentery	45	29	4	1	3	1	2	1	.....	5	2	1	1	1	.....	1	1	5	2	4	4	6	1	3	1	2	5	2	8	7	2	6
Diarrhœa	91	45	15	5	5	1	5	5	2	4	3	6	2	1	.....	4	2	16	.....	3	5	19	6	4	3	6	4	3	9	19	3	6
Cholera Morbus	23	23	1	1	.....	1	2	2	1	1	1	.....	1	2	2	.....	.....	3	1	4	.....	6	2	5	2	3	2	2	1	.....	1	1
Cholera Infantum	992	.....	.....	57	44	26	41	16	22	27	17	11	30	27	17	20	14	68	11	29	27	92	45	29	30	21	51	34	70	32	41	43
Intermittent Fever	1	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Remittent Fever	29	10	4	2	.....	2	2	1	1	2	.....	.....	2	.....	.....	.....	2	1	1	5	4	4	1	.....	1	2	2	3	2	2	1	.....
Rheumatism	26	27	.....	3	.....	3	5	3	.....	2	.....	.....	2	1	3	1	3	5	.....	1	2	3	3	2	.....	1	3	.....	4	1	.....	2
Cerebro Spinal Meningitis	79	3	1	6	4	.....	1	1	2	1	3	3	.....	3	.....	2	2	2	2	2	6	14	4	2	4	.....	2	3	5	4	3	2
Pyæmia	40	14	1	3	1	.....	1	2	1	4	2	1	1	1	2	.....	.....	1	.....	.....	3	7	3	1	2	1	5	5	2	2	2	2
Septicæmia	9	3	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	.....	1	3	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1
Other Zymotic Diseases	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I.—Order 2. Enthetic Diseases	19	2	3	1	1	.....	1	3	...	2	.....	...	.....	.....	.....	1	2	.....	.....	.....	1	3	.....	.....	.....	.....	.....	.....	1	7	.....	1
Syphilis	17	2	3	1	1	.....	1	3	.....	1	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	3	.....	.....	.....	.....	.....	.....	1	7	.....	1
Hydrophobia	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I.—Order 3. Dietic Diseases	43	22	13	5	7	3	3	2	1	3	1	1	.....	7	1	1	5	1	1	.....	.....	7	1	.....	1	3	.....	3	4	11	1	5
Purpura and Scurvy	22	4	2	2	2	3	.....	1	.....	1	.....	.....	.....	.....	1	.....	4	.....	.....	.....	.....	3	1	.....	1	.....	.. ..	1	1	3	1	3
Alcoholism { Delirium trem's / Intemperance	21	18	11	3	5	.....	3	1	1	2	1	1	.....	7	.....	1	1	1	1	.....	.....	4	.....	.....	.....	3	.....	2	3	8	.....	2
I.—Order 4. Parasitic Diseases	15	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	1	1	1	.....	1	1	1	4	1	1	....
Thrush	14	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	1	1	1	.....	1	1	1	4	1	1	.....
Worms	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Causes of Death—Continued.

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of Color.
CLASS II.—Constitutional Diseases.	3,863	1939	1924	677	566	637	185	125	47	41	208	755	651	481	339	240	118	33	3	.....	.....	2620	1243	159	251
II.—ORDER 1. Diathetic Diseases...	548	207	341	42	36	10	4	33	15	8	8	21	58	96	113	99	62	19	2	.....	.....	470	78	11	20
Gout	4	4	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	3	1	.....	.....
Dropsy	155	65	90	26	20	4	2	21	12	4	3	3	13	20	19	22	22	9	1	.....	.....	109	46	.....	9
Anæmia	24	13	11	8	6	4	1	6	1	.....	2	1	2	2	3	1	1	.....	.....	.....	.....	10	14	1	.....
Cancer	318	101	217	2	2	.....	.....	1	.....	1	2	14	42	70	83	69	30	6	.....	.....	.....	314	4	9	10
Cancrum Oris	2	.....	2	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Gangrene	38	20	18	2	6	1	.....	3	1	3	.....	3	.....	4	5	5	8	4	1	.....	.....	30	8	1	1
Leucocythæmia	7	4	3	3	.....	1	.....	1	.....	.....	1	.....	1	.....	1	1	1	.....	.....	.....	.....	4	3	.....	.....
II.—ORDER 2. Tubercular Diseases	3,315	1732	1583	635	530	627	181	92	32	33	200	734	593	385	226	141	56	14	1	.....	.....	2150	1165	148	231
Scrofula	43	25	18	14	13	9	3	3	2	3	7	4	8	2	.....	2	.....	.....	.....	.....	.....	16	27	3	6
Tabes Mesenterica	766	429	337	496	310	519	124	58	6	5	4	7	5	6	6	6	10	10	.....	.....	.....	50	716	26	53
Phthisis Pulmonalis	2,359	1185	1174	125	154	23	12	16	17	22	189	722	578	377	219	133	46	4	1	.....	.....	2080	279	119	168
Hydrocephalus	147	93	54	90	53	76	42	15	7	3	.....	1	2	.....	1	.....	.....	.....	.....	.....	.....	4	143	.....	4
CLASS III.—Local Diseases	6,913	3610	3303	1690	1490	1492	599	562	246	125	156	454	604	562	656	677	586	175	16	3	.....	3733	3180	214	392
III.—ORDER 1. Diseases of Nervous System	2,614	1427	1187	860	729	830	319	291	87	24	38	92	152	142	190	201	174	64	8	2	.....	1025	1589	53	124
Cephalitis	456	260	196	219	174	146	109	94	28	9	7	11	17	11	13	6	2	1	1	1	.....	63	393	8	23
Myelitis	17	10	7	3	3	2	1	1	2	.....	.....	2	.....	4	2	.....	2	1	.....	.....	.....	11	6	.....	.....
Apoplexy	260	142	118	6	4	3	1	2	.....	.....	4	8	14	32	59	68	51	18	.....	.....	.....	250	10	13	11
Paralysis	287	123	164	13	9	4	.....	6	8	1	3	7	27	19	45	57	71	32	7	.....	.....	265	22	9	11
Insanity	9	3	6	.....	.....	.....	.....	.....	.....	.....	.....	2	2	2	1	1	1	.....	.....	.....	.....	9	.....	1	.....
Chorea	2	1	1	1	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1
Epilepsy	32	15	17	5	4	1	.....	1	1	3	3	3	4	6	4	3	2	1	.....	.....	.....	23	9	5	3
Convulsions	811	438	373	401	351	498	126	103	20	1	4	14	20	15	6	3	1	.....	.....	.....	.....	59	752	2	60
Tetanus	49	29	20	21	17	25	.....	2	3	3	5	4	4	2	1	.....	.....	.....	.....	.....	.....	11	38	6	.....
Congestion of Brain	394	226	168	139	129	116	58	60	20	5	9	21	24	26	21	19	14	1	.....	.....	.....	126	268	.....	9
Neuralgia	4	.....	4	.....	1	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	.....	3	1	.....	1

CAUSES OF DEATH.	NATIVITY.			WARDS.																											
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
CLASS II.—Constitutional Diseases	2,729	956	178	193	170	105	131	97	60	181	116	73	107	71	71	66	82	198	71	135	149	372	196	56	94	98	152	99	255	250	68	147
II.—ORDER 1. Diathetic Diseases	322	206	20	33	37	12	18	10	1	25	12	15	17	8	13	13	14	26	6	14	20	41	30	12	19	22	21	12	36	24	20	17
Gout	2	2	....	....	1	....	....	....	....	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dropsy	104	47	4	9	8	3	10	1	....	5	3	3	2	4	1	3	5	9	2	6	6	14	7	4	4	9	6	6	15	2	6	2
Anaemia	17	5	2	2	3	2	....	1	....	....	....	....	1	....	1	....	....	....	....	....	1	1	2	....	....	3	2	....	1	1	1	2
Cancer	169	137	12	21	22	7	8	7	1	16	8	10	13	4	10	7	7	14	4	8	11	22	21	7	15	7	11	5	16	17	9	10
Cancrum Oris	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....
Gangrene	23	13	2	....	2	....	....	1	....	2	....	2	....	....	....	3	2	2	....	....	1	4	....	1	....	3	2	1	3	3	3	3
Leucocythæmia	5	2	....	1	1	....	....	....	....	....	....	....	1	....	1	....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....
II.—ORDER 2. Tubercular Diseases	2,407	750	158	160	133	93	113	87	59	156	104	58	90	63	58	53	68	172	65	121	129	331	166	44	75	76	131	87	219	226	48	130
Scrofula	36	3	4	3	3	2	....	1	1	4	....	1	....	1	....	1	....	4	....	2	2	4	1	....	3	2	....	1	1	5	1	....
Tabes Mesenterica	730	30	6	52	28	17	26	21	15	24	10	13	10	13	17	6	17	47	20	23	37	96	34	7	17	19	29	32	51	50	9	26
Phthisis Pulmonalis	1,496	715	148	99	97	72	83	63	39	125	91	44	76	49	38	46	48	114	43	89	79	204	119	27	54	49	96	51	162	166	36	100
Hydrocephalus	145	2	....	6	5	2	4	2	4	3	3	....	4	....	3	....	3	7	2	7	11	27	12	10	1	6	6	3	5	5	2	4
CLASS III.—Local Diseases	5,118	1532	263	324	266	180	245	197	97	312	191	122	224	165	117	146	183	382	160	206	282	648	369	118	200	164	268	198	384	404	138	223
III.—ORDER 1. Diseases of Nervous System	2,158	386	70	133	113	74	75	64	45	111	63	42	80	72	48	57	77	145	75	87	111	252	147	39	89	64	93	66	144	109	50	89
Cephalitis	429	21	6	26	21	13	10	9	8	29	8	7	14	16	7	10	10	28	17	14	24	40	17	9	21	9	16	15	21	15	6	17
Myelitis	16	1	....	1	1	....	....	....	....	....	....	1	1	....	....	1	1	....	1	....	1	1	....	1	2	2	....	....	1	2	....	....
Apoplexy	141	97	22	9	11	6	9	6	3	13	13	4	8	4	5	8	11	9	6	7	8	22	20	6	10	7	9	6	5	21	3	11
Paralysis	181	92	14	19	15	8	7	4	3	7	4	7	16	5	7	9	9	24	7	6	12	15	18	5	10	10	9	6	15	18	3	9
Insanity	4	4	1	....	1	....	....	....	1	....	....	1	....	....	....	....	....	....	....	....	1	1	....	....	....	1	....	1	1	1	....	....
Chorea	2	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Epilepsy	21	7	4	....	....	1	1	....	1	3	....	....	1	....	....	....	....	2	....	1	1	3	5	1	....	1	4	....	1	6	....	....
Convulsions	788	20	3	33	34	28	29	26	15	35	17	10	17	31	12	17	18	38	29	34	29	109	46	10	25	13	26	24	50	11	22	23
Tetanus	43	4	2	1	4	....	....	1	....	1	1	....	3	3	....	1	2	5	1	....	1	5	3	1	1	1	2	....	3	7	1	1
Congestion of Brain	327	63	4	33	11	7	11	11	7	8	7	5	8	11	8	2	10	25	10	14	26	40	26	5	9	17	13	11	27	10	10	12
Neuralgia	4	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	....	....	....

Causes of Death—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of Color.
Shock	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....	1	4	1	.....	2	.....	.....	.....	.....	.....	8	.....	.....	2
Sun-stroke	20	16	4	.....	1	.....	.....	1	.....	.....	.....	5	8	2	1	2	1	.....	.....	.....	.....	19	1	.....	1
Locomotor Ataxy	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	3	.....	.....	.....
Otitis	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Brain Disease, etc	261	156	105	52	34	34	24	20	4	1	3	14	26	22	35	39	29	10	.....	.....	.....	175	86	9	2
III.—Order 2. Diseases of Organs of Circulation	811	392	419	57	85	23	2	17	35	35	30	84	105	116	116	112	114	20	2	.....	.....	669	142	33	61
Pericarditis	98	41	57	15	22	1	.....	7	11	10	8	9	11	12	9	8	11	1	.....	.....	.....	61	37	3	7
Aneurism	23	20	3	.....	.....	.....	.....	.....	.....	.....	.....	2	4	10	3	3	.....	1	.....	.....	.....	23	.....	6	1
Hypertrophy of Heart	39	13	26	4	4	1	.....	2	1	4	.....	7	2	7	5	7	3	.....	.....	.....	.....	31	8	.....	2
Embolism	12	6	6	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	4	1	4	1	.....	.....	.....	11	1	.....	.....
Angina Pectoris	24	13	11	.....	1	.....	1	.....	.....	.....	.....	4	3	3	5	.....	6	1	1	.....	.....	23	1	.....	1
Heart Disease, etc	615	299	316	38	57	21	1	8	23	20	22	62	85	83	90	93	90	16	1	.....	.....	520	95	24	50
III.—Order 3. Diseases of Respiratory Organs	1,941	1026	915	482	443	416	215	172	61	23	38	116	183	143	163	188	159	60	3	1	.....	1016	925	56	135
Laryngitis	62	30	32	22	29	13	12	19	7	.....	.....	.....	4	2	3	1	.....	1	.....	.....	.....	11	51	.....	1
Bronchitis	343	169	174	132	133	161	59	32	8	1	4	3	19	7	9	13	18	9	.....	.....	.....	78	265	5	38
Pleurisy	94	51	43	14	16	5	2	8	9	5	1	7	13	10	7	14	9	4	.....	.....	.....	64	30	7	2
Pneumonia	1,085	577	508	236	211	167	114	100	28	12	26	77	104	96	106	119	99	36	.....	1	.....	638	447	39	73
Asthma	62	32	30	6	4	2	3	1	1	2	1	2	6	7	9	14	10	4	.....	.....	.....	52	10	2	6
Lung Disease, etc	295	167	128	72	50	68	25	12	8	3	6	27	37	21	29	27	23	6	3	.....	.....	173	122	3	15
III.—Order 4. Diseases of Digestive Organs	1,054	518	536	225	173	205	58	46	28	27	34	96	94	103	134	116	89	21	3	.....	.....	656	398	29	41
Pharyngitis	18	11	7	10	6	3	3	4	5	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	2	16	.....	2
Gastritis	19	10	9	1	2	1	.....	.....	1	1	.....	1	1	.....	6	4	4	.....	.....	.....	.....	16	3	.....	.....
Enteritis	402	205	197	135	105	131	48	27	13	11	10	21	23	25	28	32	22	10	1	.....	.....	162	240	16	18
Peritonitis	162	63	99	24	15	7	1	2	6	9	14	44	30	13	15	11	8	2	.....	.....	.....	123	39	5	9
Ascites	47	17	30	2	1	.....	1	2	.....	.....	.....	1	2	10	12	8	8	2	1	.....	.....	44	3	2	3
Ulceration of Intestines	25	13	12	3	4	1	1	1	.....	1	3	2	4	2	6	4	.....	.....	.....	.....	.....	18	7	.....	1
Ileus	41	21	20	12	14	20	.....	3	1	1	1	1	2	2	4	1	5	.....	.....	.....	.....	15	26	.....	1

CAUSES OF DEATH.	Nativity.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Shock	4	4	....	....	....	....	....	....	....	2	2	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	....	....	1	1	....	....
Sun-stroke	7	12	1	....	2	2	3	1	....	1	....	2	....	1	3	....	....	....	....	....	....	2	....	....	....	....	....	1	....	1	....	1
Locomotor Ataxy	2	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....
Otitis	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Brain Disease, etc	188	60	13	10	13	8	4	6	7	10	11	5	12	1	6	9	16	13	4	10	7	14	11	1	10	3	13	2	18	16	6	15
III.—Order 2. Diseases of Organs of Circulation	526	231	54	34	23	18	26	32	10	41	31	17	33	17	16	25	24	39	16	12	22	57	44	19	22	21	32	23	44	74	15	24
Pericarditis	79	15	4	5	2	4	1	5	1	5	6	....	11	....	1	3	1	3	1	1	2	9	6	6	2	3	2	2	6	5	....	5
Aneurism	9	7	7	2	....	1	2	....	....	3	....	....	....	....	....	....	....	1	1	....	....	1	....	....	1	....	3	....	1	6	1	....
Hypertrophy of Heart	26	12	1	2	....	....	3	....	....	4	1	2	1	2	1	1	....	1	2	2	....	4	3	....	....	1	....	1	2	2	....	4
Embolism	8	4	....	....	1	....	2	....	....	....	....	....	....	....	....	2	....	1	....	....	1	....	1	....	....	....	....	1	....	1	1	....	....
Angina Pectoris	12	12	....	....	....	1	1	2	1	2	1	....	....	1	1	....	....	1	....	....	1	2	1	....	2	1	....	5	1	....	....	....
Heart Disease, etc	392	181	42	25	20	12	17	25	8	27	23	15	21	14	13	19	22	32	13	9	18	41	33	13	17	16	26	15	33	60	13	15
III.—Order 3. Diseases of Respiratory Organs	1,405	483	53	100	88	42	83	68	21	97	53	34	54	38	27	42	39	101	45	54	72	205	105	38	45	41	84	54	106	106	36	60
Laryngitis	58	4	....	4	1	....	3	2	....	1	....	1	2	3	2	3	2	7	3	3	3	10	4	1	1	....	2	2	....	1	....	1
Bronchitis	294	47	2	14	21	7	22	10	1	20	12	5	6	3	5	6	6	24	9	14	10	27	13	9	4	7	19	8	24	10	9	13
Pleurisy	67	21	6	3	5	....	....	4	4	3	3	2	4	2	1	4	5	5	3	5	5	6	2	....	4	4	2	2	2	8	2	4
Pneumonia	746	299	40	60	39	27	48	37	11	58	32	19	35	24	14	23	18	48	21	23	39	120	67	18	28	19	40	38	54	71	21	30
Asthma	29	31	2	2	5	2	2	3	1	2	2	....	1	....	2	2	2	5	2	1	2	9	2	1	....	1	4	....	4	4	....	1
Lung Disease, etc	211	81	3	17	17	6	11	12	4	13	4	7	6	6	3	1	6	12	7	8	13	33	17	9	8	10	17	4	17	12	4	11
III.—Order 4. Diseases of Digestive Organs	720	3	5	29	42	27	37	38	20	13	37	34	19	35	27	16	14	28	66	20	41	60	106	47	15	38	25	34	42	55	58	32	28
Pharyngitis	17	1	....	3	1	2	1	1	....	....	....	....	....	....	....	....	....	....	1	....	....	2	4	....	....	....	....	....	....	1	1	....	....
Gastritis	9	9	1	2	....	1	....	....	....	....	1	1	1	....	....	....	....	....	1	2	1	2	....	1	....	....	....	....	1	1	....	3	1
Enteritis	316	83	3	14	8	17	14	4	4	15	14	7	13	13	8	2	10	17	7	16	27	43	18	8	20	6	13	21	21	28	8	6
Peritonitis	113	42	7	4	3	5	5	3	1	7	5	5	5	5	2	3	7	12	2	5	12	16	5	1	4	3	5	7	6	10	7	7
Ascites	24	19	4	2	....	1	2	1	....	1	1	....	1	1	1	3	....	6	1	4	2	7	2	....	1	....	1	1	2	2	3	1
Ulceration of Intestines	22	2	1	2	2	....	....	....	....	1	1	....	1	1	....	....	....	5	1	....	....	2	1	....	2	2	....	....	2	2	....	....
Ileus	35	6	....	3	....	1	2	2	2	1	2	....	2	2	....	....	....	3	1	5	1	1	5	....	....	....	2	2	3	1	....	....

Causes of Death—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Intussusception	18	10	8	5	3	4	1	1	.....	.....	2	.....	1	2	5	.....	2	.....	.....	.....	.....	10	8	.....	.....
Stricture of Intestines	4	2	2	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	3	1	.....	.....
Hernia	18	7	11	.....	.....	.....	.....	.....	.....	.....	.....	2	1	3	2	3	5	2	.....	.....	.....	18	.....	.....	.....
Fistula	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Stomach Disease, &c	26	12	14	5	2	6	.....	1	.....	.....	.....	3	2	3	2	8	1	.....	.....	.....	.....	19	7	.....	.....
Disease of Intestines, &c	34	17	17	4	7	6	.....	.....	.....	2	3	4	1	4	5	2	5	2	.....	.....	.....	23	11	.....	1
Hepatitis	66	31	35	6	2	3	.....	3	1	.....	1	2	10	8	15	12	9	2	.....	.....	.....	58	8	.....	3
Jaundice	33	15	18	9	8	16	1	.....	.....	.....	.....	2	1	2	3	5	2	.....	1	.....	.....	16	17	1	1
Liver Disease, &c	135	82	53	8	3	6	1	2	1	1	.....	11	14	28	29	24	17	1	.....	.....	.....	124	11	5	1
Spleen Disease	5	2	3	.....	1	.....	1	.....	.....	.....	.....	1	1	1	1	.....	.....	.....	.....	.....	.....	4	1	.....	1
III.—Order 5. Diseases of Urinary Organs	377	218	159	49	39	7	2	33	26	11	9	42	44	46	44	56	47	10	.....	.....	.....	289	88	41	23
Nephritis	47	28	19	15	7	1	1	11	7	2	.....	3	3	2	6	6	5	.....	.....	.....	.....	25	22	2	1
Bright's Disease.(Nephria)	193	102	91	23	16	2	.....	12	15	3	7	31	30	23	28	22	16	4	.....	.....	.....	154	39	33	14
Ischuria	6	4	2	2	.....	.....	.....	.....	.....	2	.....	.....	1	.....	.....	1	.....	2	.....	.....	.....	4	2	.....	1
Diabetes	20	14	6	2	2	.....	1	.....	1	2	.....	3	3	1	1	5	2	1	.....	.....	.....	16	4	.....	1
Cystitis	30	25	5	.....	1	.....	.....	.....	.....	.....	1	.....	1	1	1	10	15	1	.....	.....	.....	29	1	.....	1
Kidney Disease, &c	81	45	36	7	13	4	.....	10	3	2	1	5	6	19	8	12	9	2	.....	.....	.....	61	20	6	5
III.—Order 6. Diseases of Organs of Generation	62	.....	62	.....	2	.....	1	.....	.....	.....	1	20	22	8	7	1	2	.....	.....	.....	.....	60	2	.....	5
Ovarian Dropsy	12	.....	12	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	4	1	1	.....	.....	.....	.....	12	.....	.....	1
Disease of Uterus	50	.....	50	.....	2	.....	1	.....	.....	.....	1	19	19	6	3	.....	1	.....	.....	.....	.....	48	2	.....	4
III.—Order 7. Diseases of Organs of Locomotion	36	18	18	9	13	3	1	1	8	5	4	3	4	2	1	3	1	.....	.....	.....	.....	14	22	1	2
Joint Disease, &c	36	18	18	9	13	3	1	1	8	5	4	3	4	2	1	3	1	.....	.....	.....	.....	14	22	1	2
III.—Order 8. Diseases of Integumentary System	18	11	7	8	6	8	1	2	1	.....	2	1	.....	2	1	.....	.....	.....	.....	.....	.....	4	14	1	1
Phlegmon	13	9	4	7	3	5	1	2	1	.....	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	3	10	.....	1

CAUSES OF DEATH.	Nativity. U. States.	Foreign.	Unknown.	Wards. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Intussusception	10	8	.....	1	2	2	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	4	1	.....	.....	1	.....	1	.....	.....	1	1
Stricture of Intestine	2	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Hernia	7	11	.....	.....	1	2	1	.....	.....	1	.....	.....	.....	.....	1	1	.....	3	.....	.....	2	.....	.....	.....	.....	.....	2	1	.....	.....	2	1
Fistula	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Stomach Disease, &c	16	10	.....	1	2	.....	1	1	2	.....	.....	.....	1	.....	.....	1	1	2	1	1	2	1	.....	.....	2	2	2	1	.....	2	.....	.....
Disease of Intestines, &c.	26	8	.....	2	1	.....	1	1	.....	1	.....	2	2	.....	.....	.....	.....	1	.....	1	.....	3	3	1	3	4	1	.....	4	1	1	1
Hepatitis	34	29	3	.....	2	1	1	2	.....	2	5	1	5	2	1	.....	2	2	3	2	5	7	4	1	.....	2	4	4	6	.....	1	1
Jaundice	26	5	2	3	1	1	2	1	.....	1	1	.....	.....	1	.....	.....	.....	4	1	2	.....	5	1	1	.....	.....	1	.....	.....	4	2	1
Liver Disease, &c	59	69	7	2	4	3	7	4	3	4	4	3	4	2	3	4	8	9	1	1	5	12	6	3	6	5	3	3	8	7	3	8
Spleen Disease	3	2	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
III.—Order 5. Diseases of Urinary Organs	228	95	54	10	12	6	16	9	4	17	9	8	18	11	7	7	9	25	3	10	12	16	20	5	5	11	24	4	25	54	5	15
Nephritis	32	12	3	1	3	2	3	.....	.....	4	2	1	6	.....	.....	.....	1	4	.....	.....	2	4	2	.....	.....	2	3	.....	2	2	.....	3
Bright's Disease.(Neph.)	113	41	39	3	5	2	8	5	3	11	4	6	7	3	1	1	6	10	2	7	5	7	11	1	3	3	15	1	12	42	1	8
Ischuria	4	2	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....
Diabetes	16	4	.....	1	.....	.....	1	1	.....	.....	.....	1	2	.....	.....	2	.....	1	1	.....	2	1	1	.....	1	1	.....	.....	1	.....	2	1
Cystitis	15	13	2	2	1	.....	2	.....	1	.....	1	.....	.....	2	2	2	.....	3	.....	1	1	1	1	1	.....	3	3	1	1	.....	1	.....
Kidney Disease, &c	48	23	10	3	2	2	2	3	.....	2	2	.....	3	6	4	2	2	7	.....	2	.....	3	5	3	1	2	2	2	8	10	.....	3
III.—Order 6. Diseases of Organs of Generation	41	21	.....	3	2	1	1	2	1	4	1	.....	2	.....	2	1	3	4	1	1	5	5	5	1	1	1	.....	6	5	.....	.....	4
Ovarian Dropsy	9	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	1	1	2	1	.....	.....	.....	.....	1	1	.....	.....	2
Disease of Uterus	32	18	.....	3	2	1	1	2	1	4	1	.....	1	.....	2	.....	3	3	1	.....	4	3	4	1	1	1	.....	5	4	.....	.....	2
III.—Order 7. Diseases of Organs of Locomotion	24	9	3	2	.....	2	2	2	2	5	.....	2	1	.....	1	.....	1	1	.....	1	.....	4	1	1	.....	.....	.....	1	3	2	.....	2
Joint Disease, &c	24	9	3	2	.....	2	2	2	2	5	.....	2	1	.....	1	.....	1	1	.....	1	.....	4	1	1	.....	.....	.....	1	3	2	.....	2
III.—Order 8. Diseases of Integumentary System	16	2	.....	.....	1	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	2	1	.....	.....	.....	3	.....	.....	.....	1	1	2	2	1	.....	1
Phlegmon	12	1	.....	.....	1	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	3	.....	.....	.....	1	.....	2	2	.....	.....	.....

Causes of Death.—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of Color.
Ulcer	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Skin Disease, &c.	4	1	3	1	3	3	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	1	.....
CLASS IV.—Developmental Diseases	2,848	1436	1412	1029	804	1760	38	16	11	1	7	43	44	38	54	124	323	303	77	8	1	1015	1833	130	193
IV.—ORDER 1. Developmental Diseases of Children	1,260	700	560	700	560	1242	17	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1260	4	92
Premature Birth	280	163	117	163	117	280	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	280	.....	11
Cyanosis	97	55	42	55	42	94	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97	4	2
Spina Bifida	7	3	4	3	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Other Malformations	16	5	11	5	11	15	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	16	.....	1
Teething	36	22	14	22	14	22	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	.....	3
Still-born	824	452	372	452	372	824	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	824	.....	75
IV.—ORDER 2. Developmental Diseases of Adults	37	.....	37	.....	2	.....	.....	.....	.....	.....	2	23	8	4	.....	.....	.....	.....	.....	.....	.....	35	2	.....	1
Child-birth	37	.....	37	.....	2	.....	.....	.....	.....	.....	2	23	8	4	.....	.....	.....	.....	.....	.....	.....	35	2	.....	1
Paramenia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV.—ORDER 3. Developmental Diseases of Old People	492	185	307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	153	250	75	8	1	492	.....	20	27
Old Age	492	185	307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	153	250	75	8	1	492	.....	20	27
IV.—ORDER 4. Diseases of Nutrition	1,059	551	508	329	242	518	21	15	11	1	5	20	36	34	53	120	170	53	2	.....	.....	488	571	106	73
Atrophy and Debility	1,059	551	508	329	242	518	21	15	11	1	5	20	36	34	53	120	170	53	2	.....	.....	488	571	106	73
CLASS V.—Violent Deaths	703	505	198	138	94	75	16	45	32	31	33	114	92	99	72	59	20	15	.....	.....	.....	471	232	3	23

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Ulcer	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Skin Disease, &c.	4	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
CLASS IV.—Development'l Diseases	2,266	460	122	128	133	90	93	79	28	146	75	52	69	55	35	48	55	171	62	81	104	266	125	46	71	62	110	97	198	199	66	104
IV.—ORDER 1. Development'l Diseases of Children	1,260	.....	.....	67	71	33	40	38	12	67	33	26	25	34	17	25	31	79	28	39	50	120	54	19	36	25	52	44	82	23	36	54
Premature Birth	280	.....	.....	18	19	11	3	7	1	6	14	5	6	10	6	5	9	17	4	10	7	22	19	5	9	10	10	7	15	2	10	13
Cyanosis	97	.....	.....	6	4	.....	4	1	1	3	1	3	1	2	.....	1	2	8	2	1	7	8	5	.....	.....	3	2	7	10	6	4	5
Spina Bifida	7	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	1	.....	.....
Other Malformations	16	.....	.....	.....	1	.....	.....	.....	.....	1	.....	1	.....	.....	1	.....	1	2	.....	1	1	3	.....	.....	.....	1	.....	.....	1	.....	.....	2
Teething	36	.....	.....	1	.....	3	3	2	.....	4	.....	.....	.....	.....	1	.....	.....	.....	3	1	.....	7	.....	.....	.....	.....	3	2	3	.....	2	1
Still-born	824	.....	.....	41	46	19	30	27	10	53	18	17	18	22	9	19	19	52	19	26	35	79	30	14	27	11	37	27	52	14	20	33
IV.—ORDER 2. Development'l Diseases of Adults	27	10	.....	1	1	4	1	.....	2	1	.....	2	.....	.....	.....	.....	1	2	3	1	1	2	2	1	2	2	1	1	5	.....	.....	1
Child-birth	27	10	.....	1	1	4	1	.....	2	1	.....	2	.....	.....	.....	.....	1	2	3	1	1	2	2	1	2	2	1	1	5	.....	.....	1
Paramenia	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
IV.—ORDER 3. Development'l Diseases of Old People	234	224	34	15	13	14	15	11	5	28	23	11	15	6	5	9	9	34	11	5	23	35	26	6	18	20	19	12	29	37	13	25
Old Age	234	224	34	15	13	14	15	11	5	28	23	11	15	6	5	9	9	34	11	5	23	35	26	6	18	20	19	12	29	37	13	25
IV.—ORDER 4. Diseases of Nutrition	745	226	88	45	48	39	37	30	9	50	19	13	29	15	13	14	14	56	20	36	30	109	43	20	15	15	38	40	82	139	17	24
Atrophy and Debility	745	226	88	45	48	39	37	30	9	50	19	13	29	15	13	14	14	56	20	36	30	109	43	20	15	15	38	40	82	139	17	24
CLASS V.—Violent Deaths	411	219	73	29	21	16	23	21	19	33	18	23	14	33	11	17	14	39	14	22	18	53	27	16	19	25	44	35	48	23	9	19

Causes of Death—Continued.

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms house.	People of Color.
						Under 1 year.	1	2	5	10	15	20	30	40	50	60	70	80	90	100					
							2	5	10	15	20	30	40	50	60	70	80	90	100	110	120				
V.—Order 1. Accident or Negligence	552	399	153	119	78	50	14	42	32	30	29	94	70	66	54	41	16	14	.....	.....	.....	355	197	1	16
Fractures and Contusions	27	15	12	2	3	1	2	.....	.....	2	.....	4	3	2	4	3	1	5	.....	....	.....	22	5	1	.....
Wounds	10	7	3	2	1	.....	.....	1	.....	1	1	3	.....	3	1	.....	.....	.....	.....	.....	.....	7	3	.....	.....
Burns and Scalds	81	26	55	23	31	3	5	26	8	3	9	10	6	1	6	3	.....	1	.....	.....	.....	27	54	.....	5
Poison	27	16	11	5	2	2	.....	2	.....	.....	.....	3	4	3	7	3	2	.....	1	.....	.....	20	7	.....	.....
Drowning	119	113	6	34	3	1	3	1	16	10	6	20	20	19	9	12	1	1	.....	.....	.....	82	37	.....	3
Suffocation	50	29	21	16	17	31	1	1	.....	.....	.....	3	3	2	4	2	1	2	.....	.....	.....	17	33	.....	2
Otherwise	238	193	45	37	21	12	3	11	8	14	10	50	35	32	27	19	13	4	.....	.....	.....	180	58	.....	6
V.—Order 3. Homicide	27	18	9	2	4	4	.....	1	.....	.....	1	9	2	7	2	1	.....	.....	.....	.....	.....	21	6	.....	.....
V.—Order 4. Suicide	68	55	13	1	2	.....	.....	.....	.....	.....	3	8	14	18	11	11	3	.....	.....	.....	.....	65	3	.....	.....
Wounds	19	16	3	.....	.....	.....	.....	.....	.....	.....	.....	2	3	5	3	4	2	.....	.....	.....	.....	19	.....	.....	.....
Poison	16	12	4	.....	2	.....	.....	.....	.....	.....	2	4	4	4	.....	2	.....	.....	.....	.....	.....	14	2	.....	.....
Drowning	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	.....	.....	.....	.....	6	.....	.....	.....
Hanging	16	12	4	1	.....	.....	.....	.....	.....	.....	1	1	4	4	3	3	.....	.....	.....	.....	.....	15	1	.....	.....
Otherwise	11	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4	4	1	.....	.....	.....	.....	.....	11	.....	.....	.....
Order 6. Violent deaths (not classed)	5	4	1	.....	1	1	.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	.....	.....	4	1	1	.....
Causes not specified, or ill defined	51	29	22	16	9	20	2	2	.....	1	.....	3	5	7	3	6	1	1	.....	.....	.....	26	25	1	7

Page 128—Continued.

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
V.—Order 1. Accident or Negligence	329	167	56	24	17	14	18	16	19	26	12	21	12	27	10	13	9	30	10	17	11	38	17	13	12	23	38	26	39	15	8	17
Fractures and Contusions	12	13	2	....	1	1	....	1	....	3	2	4	1	....	1	1	1	1	1	....	....	....	....	1	1	1	1	....	3	2	....	....
Wounds	5	5	....	....	....	1	....	1	....	1	....	1	....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	1	1
Burns and Scalds	67	12	2	4	4	2	1	2	3	5	....	3	2	1	2	1	3	6	....	1	....	5	3	4	2	3	3	6	9	1	....	5
Poison	22	4	1	2	1	2	1	....	1	....	1	1	....	....	1	3	....	2	2	....	....	....	1	....	2	....	3	1	2	....	....	....	1
Drowning	60	29	30	10	5	1	8	4	13	1	3	5	2	14	3	2	....	9	4	2	7	5	3	2	1	2	1	6	5	1	....	....
Suffocation	39	10	1	5	1	1	....	4	....	1	2	1	2	....	1	1	1	5	1	3	....	8	3	....	....	....	1	1	3	....	1	4
Otherwise	124	94	20	3	5	6	8	4	2	15	4	6	5	11	2	5	4	7	2	11	4	20	6	6	6	17	29	12	15	11	6	6
V.—Order 3. Homicide	14	8	5	....	2	....	1	1	....	1	....	1	2	1	....	....	1	3	1	....	....	2	2	1	1	....	2	3	1	1	....	....
V.—Order 4. Suicide	30	30	8	....	2	2	2	2	....	1	2	1	....	2	1	3	4	4	3	4	4	6	8	....	3	1	3	3	1	3	1	2
Wounds	5	13	1	....	1	1	....	....	....	....	....	....	....	....	....	2	3	2	1	1	2	....	2	....	....	....	....	1	....	1	1	....	1
Poison	10	4	2	....	....	....	1	....	....	....	1	....	....	2	....	1	1	....	....	1	2	2	1	....	....	1	1	....	....	2	....	....
Drowning	5	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1	....	1	3	....	....	....	....	....	....	....	....	....
Hanging	5	8	3	....	....	....	1	1	....	1	1	....	....	....	1	....	....	1	1	1	....	2	....	....	3	....	1	2	....	....	....	....
Otherwise	5	5	1	....	1	1	....	1	....	....	....	1	....	....	....	....	....	1	1	....	....	1	2	....	....	....	....	1	....	....	1	1
V.—Order 6. Violent Deaths (not classed)	2	2	1	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	2	....	....	
Causes not specified, or ill-defined	36	12	3	4	....	....	2	2	....	5	4	....	....	3	....	1	....	1	....	1	3	6	....	2	3	1	1	3	7	2	....	....

Order of Succession of the Principal Causes of Death during the past Seven Years.

1869	1870	1871	1872	1873	1874	1875	
Consumption	Consumption	Consumption	Small-Pox	Consumption	Consumption	Consumption	2,359
Cholera Infantum	Cholera Infantum	Small-Pox	Consumption	Cholera Infantum	Pneumonia	Pneumonia	1,058
Pneumonia	Scarlet Fever	Pneumonia	Cholera Infantum	Pneumonia	Cholera Infantum	Scarlet Fever	1,032
Scarlet Fever	Pneumonia	Cholera Infantum	Pneumonia	Debility	Tabes Mesenterica	Cholera Infantum	992
Convulsions	Debility	Debility	Debility	Tabes Mesenterica	Debility	Convulsions	811
Debility	Convulsions	Convulsions	Tabes Mesenterica	Convulsions	Convulsions	Tabes Mesenterica	766
Tabes Mesenterica	Tabes Mesenterica	Tabes Mesenterica	Convulsions	Old Age	Heart Disease	Debility	695
Old Age	Old Age	Old Age	Old Age	Heart Disease	Typhoid Fever	Diphtheria	656
Heart Disease	Heart Disease	Heart Disease	Heart Disease	Cephalitis	Cephalitis	Heart Disease	615
Typhoid Fever	Cephalitis	Cephalitis	Cephalitis	Congestion of Brain	Old Age	Old Age	492
Cephalitis	Typhoid Fever	Typhoid Fever	Congestion of Brain	Typhoid Fever	Scarlet Fever	Cephalitis	456
Congestion of Brain	Congestion of Brain	Congestion of Brain	Typhoid Fever	Enteritis	Enteritis	Croup	428
Croup	Croup	Cancer	Enteritis	Scarlet Fever	Inanition	Typhoid Fever	420
Cancer	Enteritis	Enteritis	Cancer	Inanition	Congestion of Brain	Enteritis	402
Enteritis	Cancer	Croup	Croup	Apoplexy	Cancer	Congestion, Brain	394
Paralysis	Apoplexy	Scarlet Fever	Apoplexy	Cancer	Bronchitis	Inanition	364
Diphtheria	Diarrhœa	Apoplexy	Paralysis	Paralysis	Paralysis	Bronchitis	343
Apoplexy	Diphtheria	Paralysis	Congestion of Lungs	Cerebro-spinal Men.	Apoplexy	Cancer	318
Diarrhœa	Relapsing Fever	Congestion of Lungs	Diarrhœa	Dropsy	Croup	Paralysis	287
Congestion of Lungs	Congestion of Lungs	Diarrhœa	Scarlet Fever	Bronchitis	Congestion of Lungs	Brain Disease	261
Dysentery	Whooping-Cough	Diphtheria	Whooping-Cough	Brain Disease	Diphtheria	Apoplexy	260
Measles	Dysentery	Dysentery	Diphtheria	Congestion of Lungs	Hydrocephalus	Bright's Disease	193
Whooping-Cough	Typhus Fever	Whooping-Cough	Measles	Croup	Diarrhœa	Peritonitis	162
Cholera Morbus	Measles	Cerebro-spinal Men.	Sun-Stroke	Peritonitis	Bright's Disease	Dropsy	155
Typhus Fever	Cholera Morbus	Measles	Cerebro-spinal Men.	Diarrhœa	Peritonitis	Diarrhœa	151
Cerebro-spinal Men.	Cerebro-spinal Men.	Typhus Fever	Cholera Morbus	Hydrocephalus	Measles	Hydrocephalus	147

ZYMOTIC DISEASES.

The total number of deaths from zymotic causes amounted to four thousand five hundred and eighty-one (4,581), an increase of one thousand five hundred and fifty-eight (1,558). Of this number, four thousand four hundred and sixty-three (4,463) were caused by miasmatic diseases. The remaining one hundred and eighteen (118) deaths, charged to the zymotic class, were divided among the enthetic, dietic, and parasitic orders, in the proportion of twenty-four (24), seventy-eight (78), and sixteen (16.)

The following table affords a comparative view of the mortality from the principal zymotic causes, during the past nine years.

Diseases.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.
Small-Pox	48	1	6	9	1,879	2,585	39	16	56
Measles	83	108	85	48	43	143	30	117	12
Scarlet Fever	367	224	799	956	262	174	319	354	1,032
Diphtheria	119	119	182	172	145	150	110	181	656
Croup	185	206	237	316	264	296	200	199	428
Whooping-Cough	65	176	74	105	81	163	97	74	125
Typhoid Fever	367	395	373	409	313	369	382	472	420
Typhus Fever	138	108	49	69	37	35	31	26	21
Erysipelas	60	51	50	58	57	81	89	83	87
Dysentery	154	153	90	82	97	79	81	50	78
Cholera Infantum	862	989	885	1,002	829	1,666	1,114	859	992
Cerebro spin. Men.	102	54	36	36	44	128	246	82	83
Totals	2,550	2,584	2,866	3,262	4,051	5,869	2,738	2,513	3,990

The aggregate number of deaths from the diseases in the above table was greater in 1875 than in any of the preceding eight years, except 1871 and 1872. In these last mentioned years the excessive mortality was caused by small-pox. In 1875 it was caused by scarlet fever and diphtheria, which prevailed steadily from the beginning to the end of the year. Croup also caused an unusual number of deaths. The mortality from typhoid fever, though less than in 1874, was somewhat greater

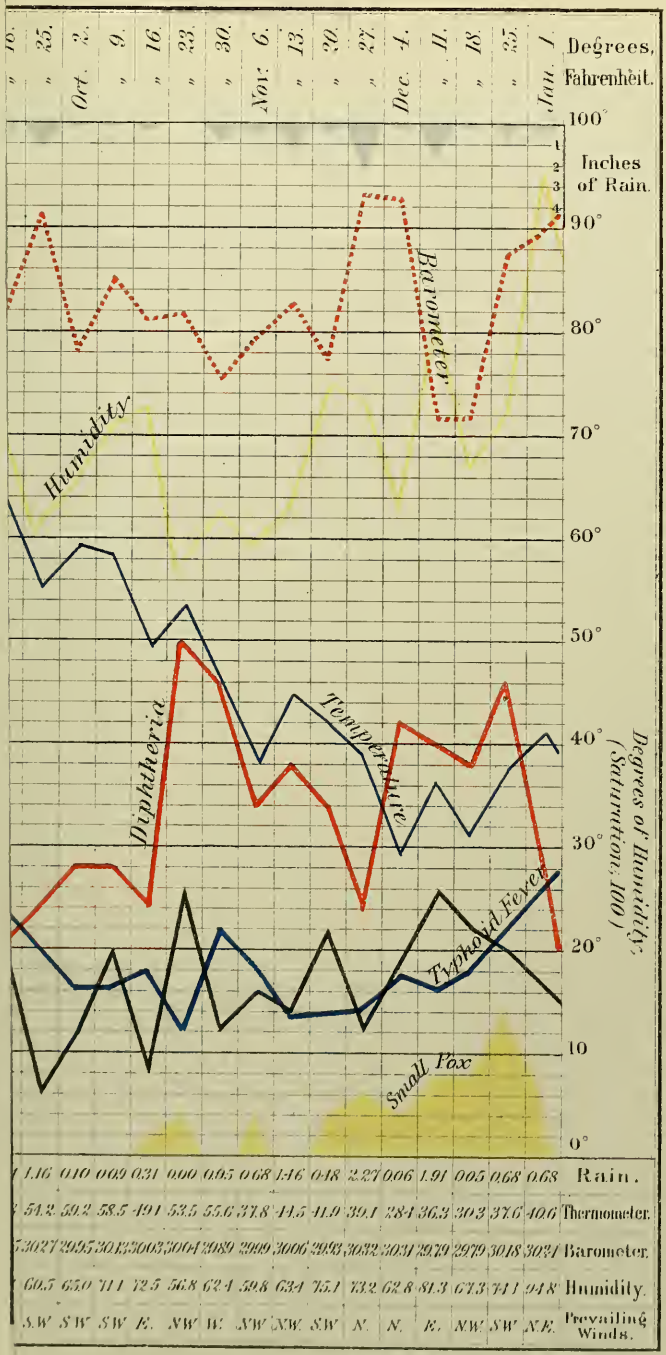
than the average for the previous seven years. Erysipelas, dysentery, and cholera-infantum caused about the usual number of deaths. Measles and typhus fever were less fatal than in any of the preceding years. Small-pox and whooping-cough both show an increase in mortality over several of the years given in the table. The year 1875 may be said to be noted for an unusual prevalence of zymotic diseases.

The following table shows the deaths from all zymotic causes, and the per cent. of the total mortality for the past three years, 1873–1875:—

YEARS	Deaths from Zymotic Causes.	Per Cent. of Total Mortality.
1873.....	3,268	20.62
1874.....	3,023	19.60
1875.....	4,581	25.78

The accompanying chartographic representations show, at a glance, the course of the mortality from some of the principal zymotic diseases, and the meteorological phenomena in each week of the year 1875. The weekly mortality from these diseases, and also the average state of the weather in each week, are represented by the angles of the colored lines arranged according to the scales on each side of the chart. The weekly amount of rain-fall is represented by the blue tinted points at the top of the chart, which are drawn according to a small scale at the side, which measures inches of rain. The figures at the bottom of the chart furnish the amount of rain-fall in inches, the mean weekly thermometer, the mean weekly barometer, the mean weekly humidity, and the prevailing direction of the wind for each week in the year.

all Pox in Philadelphia for the Year
ted States Signal Office.



Annual Report, Board of Health.

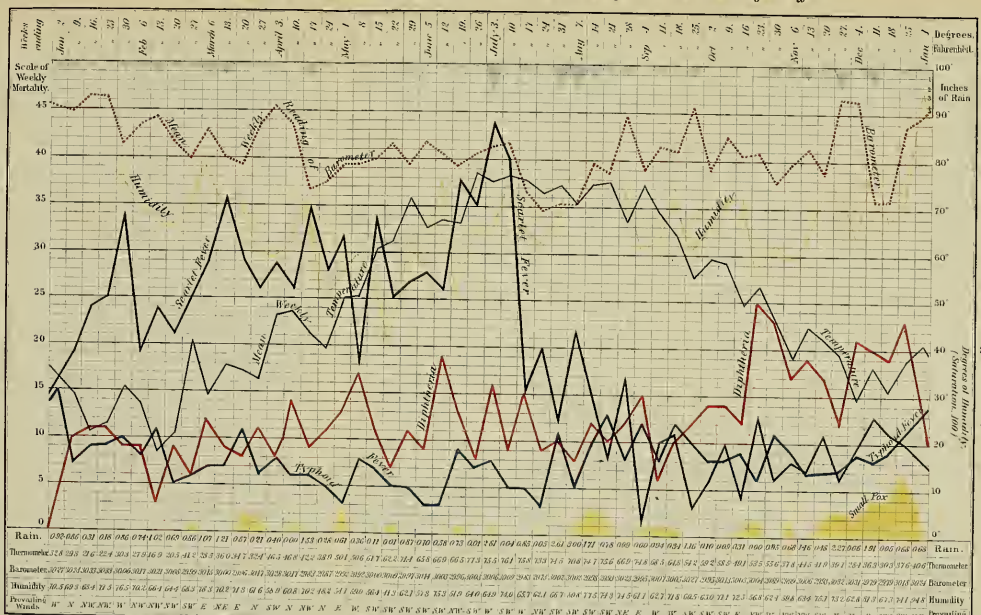
——— *Mean Weekly Temperature.*

Mean Weekly Humidity.

Mean Weekly Barometer.

CHART

Exhibiting the Course of the Mortality from Scarlet Fever, Diphtheria, Typhoid Fever, and Small Pox in Philadelphia for the Year 1875, with Meteorological Observations for the same period, furnished by the United States Signal Office.



Designed by W.ᵐ H. Ford, M.D.

The Yellow Tinted Area shows Total Mortality from Small Pox.

Annual Report, Board of Health.

Scarlet Fever.

Diphtheria.

Typhoid Fever.

Mean Weekly Temperature.

Mean Weekly Humidity.

Mean Weekly Barometer.

Deaths from the Principal Zymotic Diseases, arranged according to Wards, for the year 1875.

1875 WARDS.	Population, Census of 1876.	Area in Square Miles.	From All Causes.	From principal Zymotic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Hooping Cough.	Cerebro-spinal Meningitis.	Typhoid Fever.	Erysipelas.	Puerperal Fever.	Dysentery.	Cholera Morbus.	Cholera Infantum.	Malarial Fevers.
1st.....	38,794	5.509	896	215	3	.....	83	31	8	6	18	3	2	1	1	57	2
2d.....	28,242	442	729	170	15	.....	56	22	4	4	15	4	3	3	.....	44	.....
3d.....	20,255	.191	463	83	.....	1	30	8	1	.....	11	1	1	1	1	26	2
4th.....	20,545	.229	629	138	1	1	43	16	9	1	13	4	3	2	2	41	2
5th.....	18,972	.321	450	69	.....	2	13	19	1	1	8	1	4	1	2	16	1
6th.....	12,070	.321	264	60	1	.....	12	12	.....	2	8	1	.....	.....	1	22	1
7th.....	33,067	.439	733	92	.....	.....	17	15	5	1	11	5	4	4	1	27	2
8th.....	23,868	.435	440	58	.....	.....	7	14	2	3	7	2	3	2	1	17	.....
9th.....	15,915	.400	295	37	.....	1	5	7	1	3	4	2	2	1	.....	11	.....
10th.....	24,786	.359	486	78	3	.....	13	14	1	.....	7	4	2	1	1	30	2
11th.....	14,345	.210	394	84	4	.....	18	20	3	3	5	.....	1	1	2	27	.....
12th.....	15,394	.193	306	63	.....	.....	23	10	1	.....	8	.....	2	.....	2	17	.....
13th.....	20,027	.259	353	82	.....	.....	27	20	2	2	10	.....	.....	1	.....	20	.....
14th.....	23,385	.237	403	74	3	1	19	18	2	2	9	1	2	1	.....	14	2
15th.....	48,472	1.049	955	187	1	1	36	45	6	2	8	7	4	5	3	68	1
16th.....	18,903	.281	396	92	1	.....	31	30	3	2	7	3	.....	2	1	11	1
17th.....	21,279	.251	554	124	1	.....	42	16	6	2	11	2	2	4	4	29	5
18th.....	28,286	.650	680	143	.....	1	51	11	6	6	28	5	.....	3	.....	27	5
19th.....	69,499	1.455	1,713	385	1	.....	114	43	12	14	74	10	7	6	6	92	6
20th.....	41,854	.734	892	185	.....	.....	69	24	4	4	32	.....	3	1	2	45	1
21st.....	18,097	7.129	402	139	.....	1	20	72	2	2	4	.....	1	3	5	29	.....
22d.....	28,482	18.114	501	134	.....	.....	55	20	3	4	13	2	2	1	2	30	2
23d.....	25,299	42.716	470	116	.....	.....	41	15	5	.....	23	3	1	2	3	21	2
24th.....	41,310	9.725	711	160	.....	1	27	32	17	2	15	4	2	5	2	51	2
25th.....	28,648	13.660	541	115	2	2	23	26	3	3	6	5	4	2	2	34	3
26th.....	56,842	8.000	1,132	268	4	.....	85	59	2	5	21	2	9	8	1	70	2
27th.....	22,457	11.680	1,017*	107	.....	.....	16	4	4	4	15	13	9	7	.....	32	3
28th.....	24,381	6.343	392	125	13	.....	25	14	9	3	13	.....	3	2	1	41	1
29th	33 974	1.400	608	128	1	.....	31	19	3	2	15	3	4	6	1	43	.....
TOTALS ..	817,118	129.379	17,805	3,711	54	12	1032	656	125	83	419	87	80	76	47	992	48

*Includes 582 deaths in the Almshouse.

Small-pox.—The number of deaths from small-pox in 1875 amounted to fifty-six (56)*, an increase over the years 1873 and 1874.

The mortality in each quarter was as follows:

First quarter, - -	6	Third quarter, -	10
Second quarter, -	8	Fourth quarter, -	32

In the last half of the preceding year there was only one (1) death from small-pox, and in the first half of 1875 only fourteen (14) deaths, making an average of over one death per month for twelve consecutive months. Towards the latter part of the year there was a considerable increase in the mortality, which reached its climax in December, in which month there were twenty-one (21) deaths, or 37.5 per cent.

Four (4) deaths occurred among people of color.

Of the whole number, thirty-one (31) were males, and twenty-five (25) were females; thirty-four (31) were of children under ten years of age, and fifteen (15) were adults.

The following table furnishes the deaths from small-pox, arranged according to age, for the year 1875:

All Ages.	Under 1 year.	1 to 2 years.	2 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.
56	10	4	14	7	1	5	10	3	1	1

More than half the deaths occurred in the first decennial period. Ten (10) deaths, or 17.8 per cent., took place among infants in their first year.

Most of the deaths charged to the Twenty-eighth Ward occurred in the Municipal Hospital.

Measles.—Only twelve (12) deaths were charged to measles during the year.

Within recent years the mortality from this cause has never been so light.

* Two deaths reported as chicken-pox included in the number.

The deaths were distributed by age and sex, as follows:

1875.	Total.	Males.	Females.	Under 1 year.	2 to 5 years.	5 to 10 years.
Measles.....	12	8	4	4	5	3

It will be seen that not a death occurred after the age of ten years, and that the most fatal period was the first year.

The mortality by quarters was as follows :

First quarter,	-	6	Third quarter,	-	1
Second quarter,	-	3	Fourth quarter,	-	2

There were no deaths in the months of April, May, August, September, and October.

The following table shows the number of deaths from measles for the past fifteen years, 1861--1875 :

Years.	Deaths from Measles.	Years.	Deaths from Measles.
1861	36	1869	85
1862	109	1870	48
1863	82	1871	43
1864	90	1872	143
1865	54	1873	30
1866	221	1874	117
1867	83	1875	12
1868	108		

Never in the preceding fourteen years have so few deaths from measles been recorded as during the year 1875.

During the past forty-five years, two thousand nine hundred and three (2,903) deaths from this cause have been placed on

record, which is equivalent to about 0.65 of one per cent. of the deaths from all causes for that period.

There were of males, one thousand four hundred and eighty-seven (1,487) deaths, or 51.22 per cent., and of females, one thousand four hundred and sixteen (1,416) deaths, or 48.78 per cent.

This disease caused the greatest mortality deaths in the second year, nine hundred and fifty-five (955) deaths, or 32.90 per cent., occurring in this period. Next, in the first year of life, the deaths being five hundred and seventy-six (576), or 19.84 per cent. Two thousand five hundred and seventy-two (2,572) deaths, or 88.60 per cent., took place under five years; two hundred and forty-three (243), or 8.37 per cent., between the ages of five and ten; forty-five (45), or 1.55 per cent., between ten and fifteen; and forty-three (43), or 1.48 per cent., at ages over twenty years.

The following table shows the number of deaths from measles and scarlet fever, at different periods of life, registered during the forty-five years, 1831—1875:

1831—1875.	Males.	Fem.	Under 1 year.	1–2.	2–5.	5–10.	10–15.	15–20	Over 20.	Totals.
Measles.....	1,487	1,416	576	955	1,041	243	27	18	43	2,903
Scarlet Fever...	8,243	8,521	1,354	2,936	8,010	3,633	459	118	260	16,764

Measles appears to be more fatal among males, and scarlet fever among females. According to the above table, scarlet fever is more than five times as destructive of life as measles. To every one hundred deaths from scarlet fever, there were 17.31 deaths from measles.

The following table shows the number of deaths from measles and scarlet fever, at different periods of life, for a period of forty-five years, 1831—1875; also, the ratio of deaths in each period

to the total mortality from each disease, and the ratio of deaths from each disease to the mortality from all causes:

1831—1875.	Under 5 years.	5–10.	10–20.	Over 20.	Totals.	Per cent. of mortality from all causes.
Measles	2,572	243	45	43	2,903	.....
Percentage.....	88.60	8.37	1.55	1.48	100.00	0.65
Scarlet Fever.....	12,300	3,627	577	260	16,764	.....
Percentage.....	73.37	21.64	3.44	1.55	100.00	3.73

From the preceding table it will be seen that adults seldom die from either of these causes. The period of adolescence is likewise comparatively exempt from the fatal effects of these diseases, but particularly of measles.

In both diseases the majority of deaths occur during the first five years of childhood. In the second period, from the fifth to the tenth year, measles is much less fatal than scarlet fever, the proportion of deaths in this period being 8.37 out of every 100 deaths from measles, and 21.64 out of every 100 deaths from scarlet fever.

Scarlet Fever.—In no year since 1861 have the deaths from scarlet fever equalled in number those recorded during 1875. The per cent. of the total mortality has been exceeded only twice in the preceding fourteen years. If the deaths be considered in relation to population the exhibit does not present quite as unfavorable an aspect. However considered, the disease prevailed to an unusual extent, no less than one thousand and thirty-two (1,032) deaths, or 5.79 per cent. of the total mortality, being ascribed to this cause. The excess over the previous year was six hundred and seventy-eight (678).

The deaths were distributed by age and sex as follows:

1 8	Totals.	Males.	Fem.	Under 1 year.	1-2.	2-5.	5-10.	10-15.	15-20.	20-30.	Over 30.
Scarlet Fever...	1,032	499	533	68	176	486	240	40	9	11	2
Percentage.....	100.00	48.35	51.65	6.59	17.05	47.09	23.26	3.88	0.87	1.07	0.19

The maximum of mortality was reached at an age between two and five years. There were seven hundred and thirty (730) deaths at ages under five years, which is 70.73 per cent. of the total mortality. Nine hundred and seventy (970) deaths, or 93.99 per cent., occurred under the age of ten years. The deaths among persons over twenty years of age amounted to thirteen (13), which is not more than 1.26 per cent. of the whole number of deaths from scarlet fever. There were no deaths beyond the age of forty years.

The deaths from scarlet fever in the four years, 1872-1875, arranged according to months, were as follows:—

Months.	1872.	1873.	1874.	1875.
January	15	34	31	102
February	20	26	33	89
March	14	52	30	149
April	14	36	20	121
May	17	45	23	104
June	26	32	16	171
July	19	27	16	87
August	10	6	14	63
September	3	6	12	30
October	8	9	31	23
November	12	26	51	32
December	16	20	77	51
Totals	174	319	354	1,032

It will be observed that in each of the four years the mortality decreased towards the latter part of the summer, and continued at its lowest point during the autumnal months. There was usually an increase in the deaths by this disease in the winter season, which generally continued with fluctuations until the spring or early summer, when the maximum of mortality was reached.

Deaths from scarlet fever, according to the quarterly divisions, for the four years, 1872–1875 :—

Quarters.	1872.	1873.	1874.	1875.
First Quarter	49	112	94	340
Second Quarter	57	113	59	396
Third Quarter	32	39	42	180
Fourth Quarter	36	55	159	116
Totals	174	319	354	1,032

For a study of the course of the weekly mortality from this and other zymotic diseases in 1875, in conjunction with the weekly meteorological phenomena of that year, reference may be made to the accompanying chart.

The disease prevailed very generally throughout the city, no ward being exempt from its influence.

The following table shows the annual mortality from scarlet fever, and the rate per cent. of deaths from all causes (still-births excluded), for the fifteen years, 1861–1875 :

Years.	Total Mortality.	Deaths from Scarlet Fever.*	Per cent. of Total Mortality.
1861	13,838	1,190	8.59
1862	14,386	461	3.20
1863	15,045	275	1.82
1864	16,794	349	2.07
1865	16,453	624	3.79
1866	16,005	491	3.06
1867	13,153	367	2.78
1868	13,949	224	1.60
1869	13,997	799	5.70
1870	15,928	956	6.00
1871	16,118	262	1.62
1872	19,710	174	0.88
1873	15,845	319	2.01
1874	15,424	354	2.29
1875	17,805	1,032	5.79
Totals	202,151	7,877	Average, 3.90

* Deaths from "other localities" included

Scarlet fever caused seven thousand eight hundred and seventy-seven (7,877) deaths during the past fifteen years, the average number per annum being five hundred and twenty-five (525), and the average per cent. of the total mortality, 3.90. The smallest number of deaths occurred in 1872, when the mortality was one hundred and seventy-four (174), and the rate per cent., 0.88. The heaviest mortality took place in 1861, when the disease caused no less than one thousand one hundred and ninety (1,190) deaths, equivalent to 8.59 per cent. of the mortality from all causes. The mortality during the past year was greater than in any of the preceding fourteen years except 1861, and greater in proportion to population than in any of these years except 1861 and 1870.

The bills of mortality, which extend back to the year 1807, show that, during the twenty-four years from 1807 to 1830, inclusive, only one hundred and fifty-two (152) deaths were reported to have occurred from scarlet fever. During the first six years of this period, 1807–1812, only thirteen (13) deaths were placed on record, and from 1812 to 1818 not a single death was reported. In 1831, as many as two hundred (200) deaths were caused by this disease, and from this year up to the present time, scarlet fever has occupied a prominent place among the causes of death.

The very small number of deaths charged to scarlet fever previous to the year 1831, has given rise to the opinion that this disease has been registered under other terms, but a careful examination of the records fails to corroborate this opinion. During the twenty-four years above alluded to, there were three hundred and fifty-six (356) deaths from sore throat, forty-five (45) from sore throat and quinsy, eight (8) from cynanche maligna, and one (1) from cynanche, altogether amounting to four hundred and ten (410) deaths. Assuming that at least half of these deaths were caused by scarlet fever, the death-rate previous to 1831 would still be exceedingly small when compared with the rate which has prevailed since that year. There is, therefore, no reason why we should not regard the twenty-four years, 1807–

1830, as a period in which the city was remarkably exempt from the fatal effects of scarlet fever.

The following table exhibits the deaths from scarlet fever, and the per cent. of the total mortality, exclusive of still-born, for the past forty-five years, 1831–1875:

Years.	Total Mortality.	Deaths from Scarlet Fever.	Per cent. of Total Mortality.
1831 to 1840, ten years.....	49,678	2,004	4.03
1841 to 1850, ten years.....	64,191	2,585	4.02
1851 to 1860, ten years.....	100,635	4,298	4.27
1861 to 1870, ten years.....	149,548	5,736	3 83
1871 to 1875, five years.....	84,902	2,141	2.52
1831 to 1875, forty five years....	448,954	16,764	3.73

It will be observed, that the proportion of deaths from scarlet fever to the total mortality, varied but very slightly in the first three decennial periods. In the fourth period noted in the table, that from 1861 to 1870, the proportional mortality diminished considerably, but in the period of five years, from 1871 to 1875, a very marked decrease in the ratio of these deaths to the deaths from all causes will be observed, when the comparison is made with the preceding years. It is evident, therefore, that scarlet fever has claimed, during the past fifteen years, a very much smaller proportion of the total deaths than formerly.

Though this disease appears to be less fatal than in former years, there can be no denial of the fact, that it is still one of the most prominent causes of death, and annually sacrifices a large number of lives. Small-pox, though it occasionally prevails with alarming fatality, causes, in the aggregate, far fewer deaths. An examination of the records of the past forty-five years reveals the fact, that the deaths from small-pox during that period amounted to ten thousand two hundred and forty-five (10,245), or 2.28 per cent. of the total mortality; while during the same period the deaths from scarlet fever were sixteen thousand seven hundred and sixty-four (16,764), or 3.73 per cent. of the total mortality.

The following table shows the number of deaths from scarlet fever, according to sex and age, for a period of forty-five years, from 1831 to 1875, inclusive:

Years.	Males.	Fem.	Under 1 year.	1–2.	2–5.	5–10.	10–15.	15–20.	Over 20.	Totals.
1831–1840..	968	1,036	181	353	915	433	58	15	49	2,004
1841–1850..	1,267	1,318	249	461	1,216	545	52	16	46	2,585
1851–1860..	2,143	2,155	415	854	1,971	865	97	32	61	4,298
1861–1875..	3,865	4,012	509	1,268	3,905	1,784	252	55	108	7,877
1831–1875 .	8,243	8,521	1,354	2,936	8,010	3,627	459	118	260	16,764

Of the sixteen thousand seven hundred and sixty-four (16,764) deaths from scarlet fever in the past forty-five years, eight thousand two hundred and forty-three (8,243), or 49.171 per cent., were males, and eight thousand five hundred and twenty-one (8,521), or 50.829 per cent., were females, an excess of the latter over the former of 1.658 per cent.

A slight excess of mortality among females will be noted in each of the several periods into which the forty-five years have been divided. It must be born in mind, that the female population is in excess of the male population, the proportion varying slightly in the different years in which the census have been taken. If this fact be taken into consideration, the proportion of male to female deaths from scarlet fever out of equal numbers of both sexes living, would be, during this time, only slightly in favor of the female sex. But as most of the deaths occur under ten years of age, and as under this age there is an excess of the male population, we may therefore conclude that out of equal numbers of both sexes living, the deaths from scarlet fever are almost, if not quite, equally divided between the sexes.

There were fifteen thousand nine hundred and twenty-seven (15,927) deaths, or 95.01 per cent., at ages under ten years. Under the age of five years there were twelve thousand three hundred (12,300) deaths, or 73.37 per cent. A less number of

deaths occur in the first year of life than in any of the succeeding four years. Five hundred and seventy-seven (577) deaths, or 3.44 per cent., occurred in the period between ten and twenty years, and two hundred and sixty (260), or 1.55 per cent., at ages over twenty. It appears from these facts, therefore, that scarlet fever is pre-eminently a disease of infancy and childhood, and is particularly fatal in the first five years of life.

Diphtheria.—This disease prevailed to an extent unprecedented in the records of the past sixteen years, except perhaps 1861, when the deaths, in proportion to population, were considerably greater. And here it may be remarked that the two years, 1861 and 1875, when diphtheria caused the greatest number of deaths, were also the years in which the mortality from scarlet fever was the highest. The whole number of deaths for 1875 was six hundred and fifty-six (656), an excess of four hundred and seventy-five (475) over the previous year.

The deaths were distributed by months and quarters as follows:

MONTHS.	Number of Deaths.		Quarters.
January	41		
February	27	116	First Quarter.
March	48		
April	47		
May	46	158	Second Quarter.
June	65		
July	45		
August	57	144	Third Quarter.
September	42		
October	76		
November	65	238	Fo th Qua ter
December	97		
Total	656	656	Total.

Deaths from diphtheria in 1875, *arranged according to sex and age.*

1875.	Totals.	Males.	Fem.	Under 1 year	1–2.	2–5.	5–10.	10–15.	15–20.	20.
Diphtheria.....	656	322	334	43	84	281	203	28	4	13
Percentage.....	100.00	49.08	0.92	6.56	12.81	42.83	30.94	4.27	0.61	1.98

As is true of scarlet fever, the deaths were mostly confined to the first ten years of life. During this period there were six hundred and eleven (611) deaths, or 93.14 per cent. of the total mortality. Four hundred and eight (408) deaths, or 62.20 per cent., occurred at ages under five years, and two hundred and three (203), or 30.94 per cent., between five and ten years. At ages over twenty years there were only thirteen (13) deaths. It will, therefore, be seen that diphtheria caused but few deaths among adults, and in this particular, also, there is a coincidence between this disease and scarlet fever.

Table showing the population (1876), *the mortality from diphtheria, and the ratio of deaths from this disease to population.*

WARDS.	Population, 1876.	Deaths from Diphtheria.	Persons living to 1 death.
First	38,794	31	1,251
Second	28,242	22	1,284
Third	20,255	8	2,532
Fourth	20,545	16	1,284
Fifth	18,972	19	998
Sixth	12,070	12	1,006
Seventh	33,067	15	2,204
Eighth	23,868	14	1,705
Ninth	15,915	7	2,273
Tenth	24,786	14	1,770
Eleventh	14,345	20	717
Twelfth	15,394	10	1,539
Thirteenth	20,027	20	1,001
Fourteenth	23,385	18	1,293
Fifteenth	48,472	45	1,077
Sixteenth	18,903	30	630
Seventeenth	21,279	16	1,327
Eighteenth	28,286	11	2,571
Nineteenth	69,499	43	1,430
Twentieth	41,854	24	1,744
Twenty-first	18,097	72	237
Twenty second	28,482	20	1,424
Twenty third	25,299	15	1,687
Twenty-fourth	41,310	32	1,291
Twenty fifth	28,648	26	1,102
Twenty-sixth	56,842	59	963
Twenty-seventh	22,457	4	5,614
Twenty-eighth	24,381	14	1,741
Twenty-ninth	33,974	19	1,788

The ratio of deaths to population in each ward has been approximated very closely by using the census of 1876. The mortality was greatest, in proportion to population, in the Twenty-ffrst, Sixteenth, Eleventh, Twenty-sixth, Fifth, and Thirteenth Wards, in the order mentioned. The wards most exempt from the fatal effects of this disease were the Twenty-seventh, Eighteenth, Third, Ninth, Seventh, Twenty-ninth, and Tenth.

The following table exhibits the annual mortality from diphtheria for the past sixteen years:

Years.	Deaths from diphtheria.	Per cent. of total mortality.	Years.	Deaths from diphtheria.	Per cent. of total mortality.
1860.....	307	2.82	1868.....	119	0.85
1861.....	502	3.62	1869.....	182	1.30
1862.....	325	2.25	1870.....	172	1.08
1863.....	434	2.88	1871.....	145	0.89
1864.....	357	2.12	1872.....	150	0.76
1865.....	260	1.58	1873.....	110	0.69
1866.....	192	1.19	1874.....	181	1.17
1867.....	119	0.90	1875.....	656	3.61

From the above table it will be seen, that the proportion of deaths from diphtheria to the mortality from all causes was greater in 1875 than in any year included in the table.

For several years previous to 1866 the mortality from diphtheria was very considerable, but from this date until 1875 there was a diminution in the number of deaths from this disease. The mortality for 1875 forms a striking contrast with that of each of the preceding ten years, and this year, and 1861, form marked epochs in the history of diphtheria.

Croup.—This disease was fatal in four hundred and twenty-eight (428) cases, being an excess of two hundred and twenty-nine (229) over 1874, and, in proportion to population, the greatest mortality recorded during the past sixteen years, except 1860, 1863, 1864, and 1865. The per cent. of the total mortality was 2.40 against 1.25 in 1873, and 1.28 in 1874. The deaths were divided among the sexes in the proportion of 47.19 per cent. of males, and 52.81 per cent. of females.

1875.	Totals.	Males.	Females	Under 1 year.	1–2.	2–5.	5–10.	10–15.	20–30.
Croup.....	428	202	226	37	87	224	78	1	1
Percentage ...	100.00	47.19	52.81	8.64	20.33	52.33	18.22	0.24	0.24

From the above table it will be noticed that croup causes the greatest mortality at ages between one and five years. Infants under one year appear to be liable to this disease in only a comparatively slight degree. Adults almost never die of this affection. The proportion of deaths under the age of one year amounted to 8.64 per cent.; between one and two years, to 20.33 per cent.; and the average proportion for each year between two and five years was 17.44 per cent. The percentage of deaths under five years of age was 81.30.

The deaths by months and quarters in 1875 were as follows:

MONTHS.	Number of Deaths.	Number of Deaths.	Quarters.
January	57		
February	39	134	.....First Quarter
March	38		
April	24		
May	22	84	.....Second Quarter
June	38		
July	20		
August	14	67	.....Third Quarter.
September	33		
October	43		
November	47	143	.....Fourth Quarter.
December	53		
Totals	428	428	.....Totals

The deaths, strictly according to seasons, were as follows:

Winter, - -	149	Summer, - -	62
Spring, - -	84	Autumn, - -	123

Table showing the comparative annual mortality from diphtheria and croup, for the past sixteen years, 1860–1875.

YEARS.	Deaths from Croup.	Deaths from Diphtheria.	Per cent. of total mortality.	
			Croup.	Diphtheria.
1860	354	307	3.27	2.82
1861	304	502	2.19	3 62
1862	258	325	1.79	2.25
1863	444	434	2.95	2.88
1864	455	357	2.71	2.12
1865	350	260	2.12	1.58
1866	239	192	1.49	1.19
1867	185	119	1.41	0.90
1868	206	119	1.47	0.85
1869	237	182	1.69	1.30
1870	316	172	1.98	1.08
1871	264	145	1.63	0.89
1872	296	150	1.50	0.76
1873	200	110	1.25	0.69
1874	199	181	1.28	1.17
1875	428	656	2 40	3.61

In only four years in the past sixteen, namely, 1860, 1863, 1864, and 1865, was the mortality from croup greater, in proportion to population, than in 1875. It may be remarked that the years 1863, 1864, and 1876 were notable years in the history of both croup and diphtheria.

Whooping-Cough.—There were one hundred and twenty-five (125) deaths from whooping-cough, an increase of fifty-one (51) deaths over the number recorded the previous year. Fifty-one (51) were males and seventy-four (74) were females. Eighty-one (81) deaths, or 64.8 per cent., occurred under one year; twenty-eight (28) deaths, or 22.4 per cent., in the second year; thirteen (13), or 10.4 per cent., at ages between two and five years; and three (3) deaths, or 2.4 per cent., between five and ten years of age. This disease appears to be peculiarly fatal in early infancy; after the second year it causes but comparatively few deaths.

Whooping-cough was most prevalent in the months of August, September, October, and July, in the order named, and least so in the winter and spring months.

The deaths by quarters were as follows:

First quarter, - -	19	Third quarter, - -	61
Second quarter, -	20	Fourth quarter, -	31

Table showing the number of deaths from whooping-cough, at specified periods of life, registered during the sixteen years, 1860–1875.

1860–1875.	Totals.	Males.	Fem.	Under 1 year.	1-2.	2-5.	5-10.	10-20.	Over 20.
Whooping-cough	1,696	729	967	928	429	280	52	6	1
Percentage.....	100.00	42 98	57.02	54.72	25.30	16.51	3.06	0.35	0.06

It will be seen from the foregoing table, that more than half the deaths occurred under the age of one year; over one-fourth of the total number, in the second year; and nearly one-fifth, at ages between the second and tenth year. The deaths at ages between ten and twenty years were at the rate of 3.50 per thousand; and at ages over twenty, at the small rate of 0.60 per thousand. The deaths of females exceeded those of males by 14.04 per cent.

Typhoid Fever.—Of the four hundred and twenty (420)* deaths from typhoid fever, two hundred and nine (209) were males, and two hundred and eleven (211) were females. There was a decrease of fifty-two (52) from the number reported in 1874.

The mortality at specified ages was as follows:

1875.	Totals.	Under 1 year.	1 to 2.	2 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	Over 70.
Typhoid Fever.....	420	7	2	20	38	21	58	120	51	33	35	20	15
Percentage	100.00	1.67	0.48	4.76	9.05	5.00	13.81	28.57	12.14	7.86	8.33	4.76	3.57

It will be seen from the above table that the greatest mortality from typhoid fever takes place in the ages between fifteen and thirty years This disease is least fatal in the ages at the two extremes of life, and the proportion of deaths is greater in

* One death recorded as hectic fever in the alphabetical table is included in this number.

early life than in advanced life. This is more clearly illustrated by the following table:

AGES.	Number of Deaths.	Per cent.
Under ten years	67	15.96
Ten to twenty years	79	18.81
Twenty to thirty years	120	28.57
Thirty to forty years	51	12.14
Forty to fifty years	33	7.86
Fifty to sixty years	35	8.33
Over sixty years	35	8.33
All ages	420	100.00

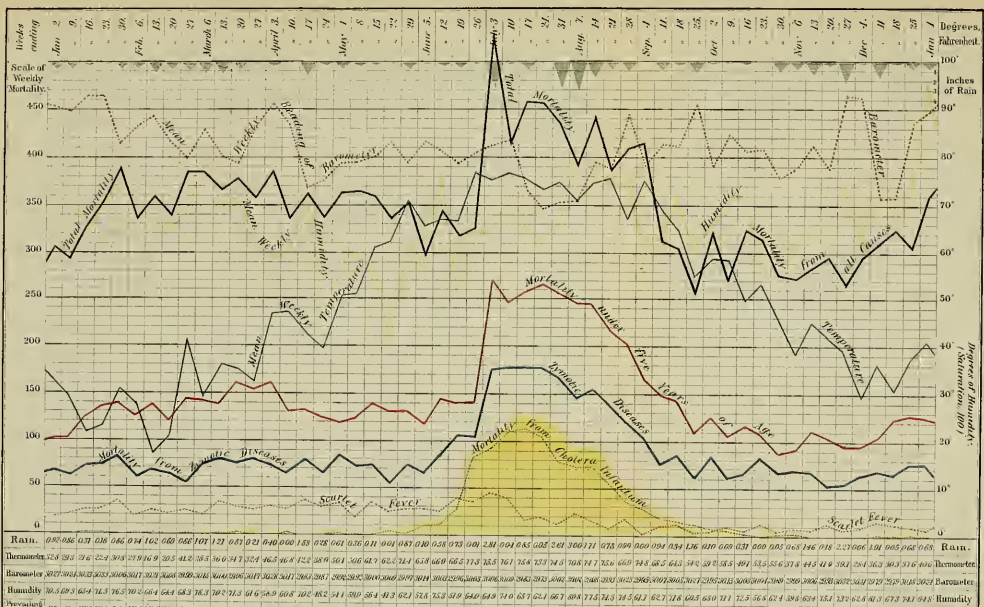
The greatest mortality occurred in the fourth quarter; next, in the third quarter; then in the first and second quarters.

Deaths from typhoid fever in 1875, *by months and quarters.*

MONTHS.	Number of Deaths.	Number of Deaths.	Quarters.
January	35	106	First Quarter.
February	30		
March	41		
April	21	82	Second Quarter.
May	28		
June	33		
July	25	114	Third Quarter.
August	51		
September	38		
October	35	118	Fourth Quarter.
November	30		
December	53		
Totals			

CHART

Exhibiting the Course of the Total Mortality and of the Chief Fatal Diseases in Philadelphia for the year ending December 31, 1875, with Meteorological Observations for the same period, furnished by the United States Signal Office.



Designed by Wm H Ford M.D.

The Tinted Area shows Total Mortality from Diarrhœal Diseases.

Annual Report, Board of Health

Mortality from all Causes.

Mortality under Five Years.

Zymotic Diseases.

Mean Weekly Humidity.

Mean Weekly Temperature.

Mean Weekly Reading of Barometer.

Cholera Infantum.

Scarlet Fever.

The annual mortality from typhoid fever for the past fifteen years, 1861–1875, was as follows :—

YEARS.	Deaths from Typhoid Fever.	YEARS.	Deaths from Typhoid Fever.
1861	281	1869	373
1862	654	1870	409
1863	486	1871	313
1864	648	1872	369
1865	773	1873	382
1866	381	1874	472
1867	367	1875	420
1868	395		

Cholera Infantum.—The whole number of deaths from cholera infantum in 1875 amounted to nine hundred and ninety-two (992), an increase over the preceding year of one hundred and thirty-three (133). This is a little beyond the average annual mortality of the past fifteen years. The deaths were almost equally divided between the sexes.

The deaths in each month were as follows :

January,	2	July,	420
February,	2	August,	316
March,	4	September,	75
April,	5	October,	16
May,	9	November,	6
June,	134	December,	3

The following is the statement of deaths according to quarters :

First Quarter,	8	Third Quarter,	811
Second Quarter,	148	Fourth Quarter,	25

Nine hundred and forty-five (945) deaths, or 95.27 per cent., took place in the months of June, July, August, and September.

The rate per cent. in each of these months was as follows :—for June, 13.51 per cent.; for July, 42.34 per cent.; for August, 31.86 per cent., and for September, 7.56 cent.

Seven hundred and seventy-two (772) deaths, or 77.82 per cent., occurred under one year of age; one hundred and ninety-five (195), or 20.67 per cent., between one and two years; twenty-three (23), or 2.31 per cent., between two and five years; and two (2) deaths, or 0.20 per cent., at ages over five years. The rate per cent. of the mortality from all causes was 5.57, exactly the same as in 1874. This is almost the same as the average annual rate for the past fifteen years.

The following tabular statement shows the population (1876), the mortality from cholera infantum, and the persons living to one death from this disease, in each ward of the city, for the year 1875 :—

WARDS.	Population, 1876.	Mortality from Cholera Infantum.	Persons living to one death.
First	38,794	57	680
Second	28,242	44	642
Third	20,255	26	778
Fourth	20,545	41	501
Fifth	18,972	16	1,186
Sixth	12,070	22	549
Seventh	33,067	27	1,225
Eighth	23,868	17	1,404
Ninth	15,915	11	1,447
Tenth	24,786	30	826
Eleventh	14,345	27	531
Twelfth	15,394	17	905
Thirteenth	20,027	20	1,001
Fourteenth	23,385	14	1,670
Fifteenth	48 472	68	713
Sixteenth	18,903	11	1,718
Seventeenth	21,279	29	734
Eighteenth	28,286	27	1,048
Nineteenth	69,499	92	755
Twentieth	41,854	45	930
Twenty-first	18,097	29	624
Twenty second	28,482	30	949
Twenty-third	25,299	21	1,204
Twenty-fourth	41,310	51	810
Twenty-fifth	28,648	34	842
Twenty-sixth	56,842	70	812
Twenty-seventh	22,457	32	702
Twenty-eighth	24,381	41	597
Twenty-ninth	33,974	43	790

From the above table it will be noticed, that the mortality, in proportion to population, was greater in Fourth, Eleventh, Sixth, Twenty-eighth, and Twenty-first Wards, and lightest in the Sixteenth, Fourteenth, Ninth, Eighth, Seventh, and Twenty-third Wards.

The following table furnishes the number of deaths from cholera infantum in each year, from 1861 to 1875, inclusive, with the per cent. of the total mortality, exclusive of still-born, the number of persons living to one death from this cause, and the general averages for these years:

YEARS.	POPULATION.	Total number of deaths.	Deaths from cholera infan'm	Per ct. of total mortality.	Persons living to one death.
1861	576,408	13,838	618	4.46	932
1862	578,287	14,386	629	4.37	933
1863	598,166	15,045	930	6.18	643
1864	608,045	16,794	641	3.81	948
1865	618,924	16,453	884	5·37	700
1866	629,803	16,005	1,031	6.44	610
1867	640,682	13,153	862	6.55	743
1868	651,561	13,949	989	7.08	658
1869	662,440	13,997	885	6.32	748
1870	674,022	15,928	1,002	6.29	673
1871	700 000	16,118	829	5.14	843
1872	725,000	19,710	1,666	8.45	435
1873	750,000	15,845	1,114	6.10	673
1874	775,000	15,424	859	5.57	902
1875	800,000	17,805	992	5.57	806
Average	665,889	15,630	929	5.94	717

The accompanying table furnishes the mean temperature, and the amount of rain-fall in inches, for the month of July, and for the entire summer of each of the past fifteen years (1861–1875), so that the influence of the weather upon the mortality from cholera infantum may be studied:

YEARS.	JULY.		SUMMER.	
	Mean temperature.	Amount of rain-fall in nches.	Mean temperature.	Amount of rain-fall in inches.
1861	76.10	2.826	74.13	10.175
1862	75.60	2.841	73.60	10.888
1863	76.99	6.009	75.32	11.706
1864	76.08	3.770	75.82	8.035
1865	78.29	2.135	77 15	9.943
1866	80.72	2.513	75.63	8.470
1867	76.09	3.030	74.05	30 820
1868	81.55	2.630	75.15	8.870
1869	76 29	2 780	74.94	8.820
1870	80.13	3.500	78.21	12.020
1871	75.62	6.380	75.27	17.020
1872	81.11	9.980	78.61	22.020
1873	76.45	5.000	73.15	17.390
1874	74.70	5.650	72.93	10.920
1875	74.60	3.630	72.75	14.180

The summer of the year 1872 was noted for the highest temperature recorded during the past fourteen years, and it was also the summer in which the greatest mortality from cholera infantum occurred. The mean temperature of July and of the summer of 1875 was less than that of any July and of any summer in the fifteen years included in the table; and although the mortality from cholera infantum in this year is not the lightest, it is in excess of the mortality from this disease in only five of these years.

The above table, in connection with the one preceding, will show that, with the exception of 1863 and 1873, the years of

excessive mortality from cholera infantum, namely, 1865, 1866, 1868, and 1872, coincide with those years in which the mean temperature of July and, for the most part, of the summer months, was unusually high. The influence of the amount of rain-fall is not so decided.

Cerebro-spinal Meningitis.—There were eighty-three (83) deaths from cerebro-spinal meningitis, only one (1) more than the number for 1874. The decrease from the number for the year 1873 is very marked. Forty-three (43) deaths occurred among males, and forty (40) among females.

The deaths were distributed, according to ages, as follows:

1875.	All ages.	Under 1 year	1–2.	2–5.	5–10.	10–15.	15–20.	20–30.	Over 30.
Cerebro-spinal Meningitis.....	83	14	12	23	9	7	4	2	12
Per cent.....	100.00	16.87	14.46	27.71	10.84	8.43	4.82	2.41	14.46
Per cent.....	Under five years.....			59.04	10.84	8.43	4.82	2 41	14.46

The mortality was greatest at ages under five years; next, between the age of five and ten years. There were comparatively few deaths among adults.

The deaths by quarters were as follows:

First quarter,	- 24	Third quarter,	- 16
Second "	- 26	Fourth "	- 17

The following table shows the annual number of deaths from cerebro-spinal meningitis for the past twelve years:

1864.	1865.	1866.	1867.	1868.	1869.	1870.	1871.	1872.	1873.	1874.	1875.
144	130	75	102	54	36	36	44	128	246	82	83

CONSTITUTIONAL DISEASES.

The deaths from constitutional diseases in 1875, amounted to three thousand eight hundred and sixty-three (3,863), or 21.61 per cent. of the mortality from all causes. This is an increase of one hundred and forty-four (144) over the number recorded under this class in 1874. The principal diseases classed under this head are cancer, tabes mesenterica, and phthisis pulmonalis, which, in the aggregate, caused three thousand four hundred and forty-three (3,443) deaths.

Cancer.—One hundred and one (101) males, and two hundred and seventeen (217) females died from this disease during the year. The increase over the preceding year was only eight (8.)

The deaths at specified ages were as follows:

1875.	Under 10 years.	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Total	Per cent. of total mortality.
Cancer.....	1	3	14	42	70	83	69	30	6	318	
Per cent....	0.31	0.94	4.40	13 21	22.02	26.10	21.70	9.43	1.89	100.00	1.78

The greatest number of deaths occurred at ages between fifty and sixty years; the next greatest number, in periods between forty and fifty, and sixty and seventy years; next, in that between thirty and forty, and then at ages between seventy and eighty years. There were but eighteen (18) deaths, or 5.66 per cent. of the whole number, at ages under thirty years; one hundred and twelve (112) deaths, or 35.22 per cent., at ages between thirty and fifty; and at ages over fifty years the number amounted to one hundred and eighty-eight (188), or 59.12 per cent. of the whole mortality. Cancer is thus shown to be a rare disease in early life. A considerable number of deaths occur in early adult life, but it is particularly in middle life and in old age that this disease is an active cause of death.

Tabes Mesenterica.—There were seven hundred and sixty-six (766) deaths returned from this cause, under which term are included all deaths from marasmus and consumption of the bowels. Of this number, four hundred and twenty-nine (429) were males,

and three hundred and thirty-seven (337) were females. The excess over 1874 was forty-three (43.) Five hundred and nineteen (519) deaths, or 67.75 per cent., were of infants in their first year; one hundred and twenty-four (124), or 16.19 per cent., were between one and two years; and fifty-eight (58), or 7.57 per cent., between the ages of two and five years. The remaining sixty-five (65) deaths, or 8.59 per cent., occurred at ages between five and ninety years.

August, July, September, and June were the months in which the greatest number of deaths occurred, and in the order named.

Phthisis Pulmonalis.—Two thousand three hundred and fifty-nine (2,359) deaths were charged to consumption, of which number, one thousand one hundred and eighty-five (1,185) were males, and one thousand one hundred and seventy-four (1,174) were females. There was an increase of fifty-five (55) over the previous year.

As in the preceding nine years, with the exception of 1872, this disease stands first upon the list of diseases arranged in the order of succession, commencing with the disease having the greatest mortality.

The deaths at specified ages were as follows:

1875.	Under 10 years.	10–20	20–30	30–40	40–50	50–60	Over 60.	Totals.
Phthisis Pulmonalis.....	68	211	722	578	377	219	184	2,359
Percentages.	2.88	8.94	30.61	24.50	15.98	9.28	7.81	100.00

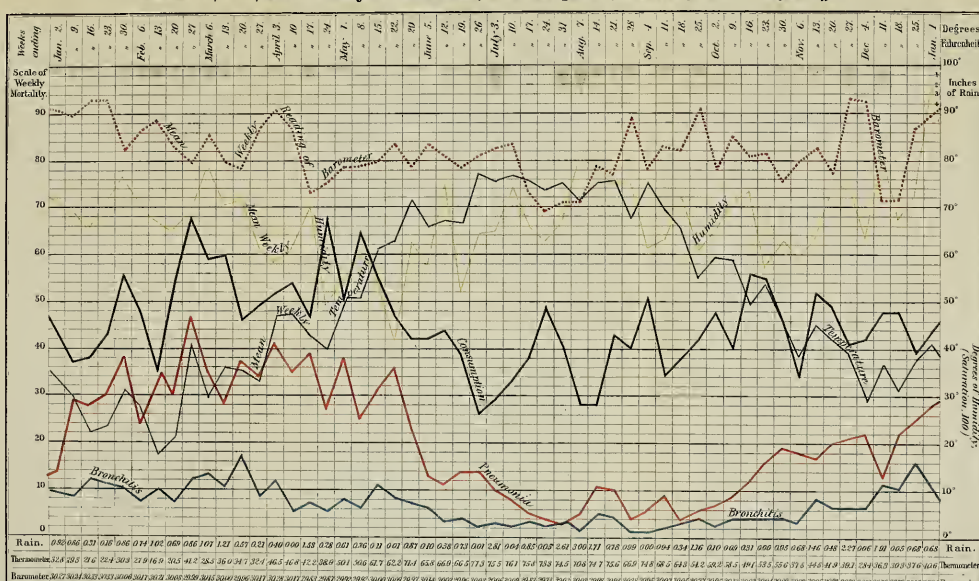
As is generally the case, this disease was most fatal in the decennial period em' raced between the twentieth and thirtieth year; next, in the period between the thirtieth and fortieth year, and then at ages between forty and fifty.

The period under ten years is the one most exempt from this disease, and next in order, is that from the tenth to the twentieth year.

One death occurred from this affection to every three hundred and thirty-nine (339) of the population.

CHART

Exhibiting the Course of the Mortality from Consumption, Pneumonia, and Bronchitis in Philadelphia, for the Year ending December 31, 1875, with Meteorological Observations for the same period, furnished by the U. S. Signal Office.



Designed by Wm H. Ford, M.D.

Annual Report. Board of Health

Consumption.

Pneumonia.

Bronchitis.

Mean Weekly Humidity.

Mean Weekly Temperature.

The average number of deaths in each month, - - 196
The average number of deaths in each week, - - 45
The average number of deaths in each day, - - 6

The accompanying chart exhibits the course of the mortality from consumption, pneumonia, and bronchitis in each week of the year, and likewise furnishes the meteorological phenomena in each week, so that the influences of the weather upon these diseases may be investigated. The lines indicating the course of the mortality from pneumonia and bronchitis are most elevated when the line representing temperature is lowest, and *vice versa*. Consumption seems to be less subject to sudden variations, and is less influenced by temperature. The cold winter months are not those of the greatest mortality, nor are the hot months of summer characterized by the least mortality from this disease.

The deaths in each month, arranged in the order of succession of mortality, were as follows:

March, - -	266	August, - -	191
December, -	221	June, - - -	180
April, - -	219	November, - -	176
May, - -	209	January, - -	174
February, - -	205	July, - - -	161
October, - -	197	September, - -	160

As is generally the case, the greatest mortality occurred in March, and the least in the month of September.

By comparing the seasons strictly, it will be seen that spring was the most fatal season of the year to consumptives, and summer the least so.

Spring, - -	694	Autumn, - -	533
Summer, - -	532	Winter, - -	600

This order agrees with the results obtained by consolidating the returns for the past thirteen years. It appears, therefore, that the seasons exert a very uniform and marked influence upon the mortality from consumption. It will be seen from the table given below, that spring takes the lead as the most obnoxious period to consumptives, and that winter, summer, and autumn follow in order of fatality.

Table of mortality from consumption, arranged according to seasons, for the thirteen years, 1863–1875:

YEARS.	Spring.	Summer.	Autumn.	Winter.
1863	515	447	468	525
1864	636	441	455	557
1865	576	473	446	531
1866	502	450	451	541
1867	568	409	436	534
1868	568	438	423	566
1869	546	484	421	524
1870	717	512	502	577
1871	654	519	500	561
1872	674	529	428	599
1873	618	518	554	602
1874	689	474	502	639
1875	694	532	533	600
Totals	7,957	6,226	6,119	7,356

During the past thirteen years, 1863–1875, there were twenty-seven thousand six hundred and fifty-eight (27,658) deaths from consumption, of which number seven thousand nine hundred and fifty-seven (7,957), or 28 77 per cent., took place in spring; six thousand two hundred and twenty-six (6,226), or 22.52 per cent., took place in summer; six thousand one hundred and nineteen (6,119), or 22.12 per cent., in autumn; and seven thousand three hundred and fifty-six (7,356), or 26.59 per cent., in winter. The difference between the mortality in spring and autumn, the seasons of the greatest and least mortality, was one thousand eight hundred and thirty-eight (1,838), or 6.65 per cent., of the total number of deaths.

The following table exhibits the mortality from consumption, the deaths from all causes (exclusive of still-born), the number of deaths from consumption in every hundred deaths from all causes, for each of the fifteen years, 1861–1875.

YEARS.	Total Mortality.*	Deaths from Consumption.	Per cent. of the Total Mortality.
1861	13,838	1,817	13.13
1862	14,386	1,949	13.54
1863	15,045	1,955	12.99
1864	16,794	2,089	12.37
1865	16,453	2,026	12.31
1866	16,005	1,944	14.80
1867	13,153	1,947	14.80
1868	13,949	1,995	14.30
1869	13,997	1,975	14.11
1870	15,928	2,308	14.49
1871	16,118	2,237	13.84
1872	19,710	2,330	11.82
1873	15,845	2,292	14.46
1874	15,424	2,304	14.93
1875	17,805	2,359	13.25
Totals	234,450†	31,527†	13.40

*Exclusive of still-born. †" Deaths from other localities" included.

Of the two hundred and thirty-four thousand four hundred and fifty (234,450) deaths from all causes recorded during the past fifteen years, no less than thirty-one thousand five hundred and twenty-seven (31,527), or 13.40 per cent., were caused by consumption.

While the mortality from all causes in 1875 was rather greater than usual, the deaths from consumption show but a very slight

increase. The per cent. of the total mortality was less than for any of the preceding nine years, excepting 1872, the year in which the excessive mortality from small-pox disturbed the ordinary relation between separate causes of death and the aggregate from all causes. If the ratio of deaths from consumption to population be calculated for each of the fifteen years in the table, it will be seen that the mortality from consumption in 1875, was relatively less than in any of the preceding fourteen years.

The following table shows the population, deaths from consumption, and the ratio of deaths to population, for each of the fifteen years, 1861–1875:

YEARS.	Population.	Deaths from Consumption.	Persons living to one death.
1861	576,408	1,817	317
1862	587,287	1,949	301
1863	598,166	1,955	306
1864	608,045	2,089	291
1865	618,924	2,026	305
1866	629,803	1,944	324
1867	640,682	1,947	329
1868	651,561	1,995	326
1869	662,440	1,975	335
1870	674,022	2,308	292
1871	700,000	2,237	313
1872	725,000	2,330	311
1873	750,000	2,292	327
1874	775,000	2,304	336
1875	800,000	2,359	339
1861–1875	665,889	2,102	317

From 1807 to 1826, inclusive, a period of twenty years, the deaths from consumption amounted to 15.04 per cent. of the deaths from all causes. From 1827 to 1846, inclusive, there were fourteen thousand two hundred and thirty-five (14,235) deaths from this cause, which is equal to 14.48 per cent. of the mortality from all causes. In the fourteen years, 1847–1860, the percentage amounted to 13.26; and, as has been shown, the percentage for the fifteen years, 1861–1875, was 13.40.

The average annual percentage for the whole period of sixty-nine years, 1807–1875, all the years of which there are available records, was 14.16. It will be noticed that, in each of the successive periods given above, there was a decrease in the proportion of deaths from consumption to the deaths from all causes, except in the last period mentioned, which, however, differs only fourteen-hundredths of one per cent. from the period immediately preceding. The per cent. of these last fifteen years is very considerably less than the average for the sixty-nine years.

LOCAL DISEASES.

Six thousand nine hundred and thirteen (6,913) deaths, or 38.82 per cent. of the total mortality, were caused by local diseases. This is an excess of eight hundred and twenty-two (822) over the number registered in 1874. The first order named under this class, which includes all affections of the nervous system, contains by far the largest proportion of deaths. The most prominent causes of death in this order are cephalitis, apoplexy, paralysis, convulsions, and congestion of the brain.

Cephalitis.—Four hundred and fifty-six (456) deaths were registered under this term. Two hundred and sixty (260) were males, and one hundred and ninety-six (196) were females. Three hundred and forty-nine (349) deaths, or 76.53 per cent., occurred at ages under five years; twenty-eight (28), or 6.14 per cent., between five and ten years; sixteen (16), or 3.51 per cent., between ten and twenty; and the remaining sixty-three (63) deaths, or 13.82 per cent., at ages over twenty years.

This disease was especially fatal in the first decennial period, three hundred and seventy-seven (377) deaths, or 82.67 per cent. of the whole number, having occurred in this period.

The deaths from this cause were most numerous in the month of August, and least numerous in November, as will be seen by the following statement:

January, - -	22	July, - -	40
February, - -	37	August, - -	59
March, - -	42	September, - -	25
April, - -	42	October, - -	28
May, - -	55	November, - -	18
June, - -	54	December, - -	34

Apoplexy.—Apoplexy* caused two hundred and sixty (260) deaths, an increase of twenty-one (21) over the preceding year. There were one hundred and forty-two (142) males, and one hundred and eighteen (118) females. It was most fatal in advanced life, one hundred and ninety-six (196) deaths, or 75.39 per cent. of the whole number, having occurred in persons over fifty years of age.

The deaths by months and quarters were as follows:

MONTHS.	Number of Deaths.	Number of Deaths.	Quarters.
January	21		
February	25	74	First Quarter.
March	28		
April	22		
May	25	74	Second Quarter.
June	27		
July	13		
August	19	48	Third Quarter.
September	16		
October	20		
November	15	64	Fourth Quarter.
December	29		
Totals	260	260	Total.

*Ten deaths from cerebral hemorrhage are classed under this head.

Paralysis.—The deaths from paralysis amounted to two hundred and eighty-seven (287), of which number one hundred and twenty-three (123) were males, and one hundred and sixty-four (164) were females. The increase over the deaths for 1874 was thirty-two (32).

As in the case of apoplexy, the greatest proportion of deaths occurred in advanced life. The deaths at ages over fifty years amounted to 74.87 per cent. of the total mortality.

The deaths by months and quarters were as follows :—

Months.	Number of Deaths.	Number of Deaths.	Quarters.
January	20		
February	26	74	First Quarter.
March	28		
April	29		
May	26	78	Second Quarter
June	23		
July	26		
August	31	69	Third Quarter
September	12		
October	20		
November	20	66	Fourth Quarter.
December	26		
Total	287	287	Total.

Convulsions.—There were eight hundred and eleven (811) deaths reported under this term, an increase of one hundred and thirty-four (134) over the preceding year. The males were four hundred and thirty-eight (438), and the females, three hundred and seventy-three (373). Over sixty-one (61.41) per cent. of the deaths occurred under the age of one year; one hundred and twenty-six (126) deaths, or 15.54 per cent., between one and two years, and one hundred and three (103), or 12.70 per cent., in the years between two and five.

The mortality under five years was seven hundred and twenty-seven (727), or 89.65 per cent.; and between five and ten years, but twenty (20), or 2.46 per cent. Infantile life is therefore the period most subject to fatal convulsive disorders.

The deaths by months and quarters were as follows:

Months.	Number of Deaths.	Number of Deaths.	Quarters.
January	68	216	First Quarter.
February	64		
March	84		
April	55	222	Second Quarter.
May	61		
June	106		
July	82	210	Third Quarter.
August	85		
September	43		
October	36	163	Fourth Quarter.
November	49		
December	78		
Total	811	811	Total

Congestion of the Brain.—Three hundred and ninety-four (394) deaths were attributed to this cause. The males were three hundred and twenty-six (326), and the females were one hundred and sixty-eight (168). Compared with 1874, there was an increase in the total number of eighty-three (83). The mortality under one year amounted to one hundred and sixteen (116), or 29.44 per cent. of the total number of deaths. Under five years, there were two hundred and thirty-four (234) deaths, which is 59.4 per cent. of the whole number. Under ten years, two hundred and fifty-four (254) deaths, or 64.46 per cent., were recorded. Among adults, the greatest number of deaths occurred at ages between forty and fifty years. As many diseases among infants terminate with brain symptoms, it is presumed that the term

"congestion of the brain" is frequently appended to a death certificate to cover ignorance of the true character of the fatal disorder, and therefore, the large proportion of deaths among infants ascribed to this cause.

The deaths according to months and quarters were as follows:

MONTHS.	Number of Deaths.	Number of Deaths.	Quarters.
January	25	97	First Quarter.
February	26		
March	46		
April	27	111	Second Quarter.
May	38		
June	46		
July	45	115	Third Quarter.
August	45		
September	25		
October	17	71	Fourth Quarter.
November	25		
December	29		
Totals	394	394	Totals.

It will be observed that the greatest number of deaths from this cause took place in the warm weather, the mortality for the months of June, July, and August, amounting to one hundred and thirty-six (136), or over 34 per cent. of the total deaths. The least number of deaths took place in the month of October.

Sun-stroke.—Twenty (20) persons died from sun-stroke. Of these, sixteen (16) were males and four (4) were females.

One (1) child between two and five years of age, is reported to have died from this cause. The remaining deaths were distributed as follows: Between twenty and thirty years, five (5) deaths; between thirty and forty years, eight (8) deaths; between forty and fifty years, two (2) deaths; between fifty and sixty years, one (1) death; between sixty and seventy years, two (2)

deaths, and between seventy and eighty years, one (1) death. Adult life is the period in which nearly all the deaths from this cause take place.

The deaths were reported to have occurred in the months of July and August, as follows:

In the week	ending	July 3d,	17	adults.
"	"	"	17th, 1	minor.
"	"	"	August 7th, 1	adult.
"	"	"	" 28th, 1	adult.

By referring to the meteorological record, it will be seen that from the twenty-third day of June to the first of July, the mean daily temperature never fell below 71° Fahr., and on several days it ranged between 82° and 84° Fahr. This sudden and continuous spell of hot weather, after the moderately warm weather of the early summer, may account for the unusual number of deaths from sun-stroke in the week mentioned.

Diseases of the respiratory organs caused one thousand nine hundred and forty-one (1,941) deaths, or 10.9 per cent. of the mortality from all causes. The increase over the year 1874, amounted to two hundred and twenty (220.) The most prominent diseases under this order are bronchitis and pneumonia, which collectively caused one thousand four hundred twenty-eight (1,428) deaths, or 73.57 per cent.

*Bronchitis.**— One hundred and sixty-nine (169) males, and one hundred and seventy-four (174) females, died from bronchitis. One hundred and sixty-one (161) deaths, or 46.94 per cent., were registered under one year; fifty-nine (59), or 17.20 per cent., between one and two years; thirty-two (32), or 9.33 per cent., between two and five, and eight (8), or 2.33 per cent., between five and ten years. Under five years the deaths amounted to two hundred and fifty-two (252), or 73.47 per cent., and the remaining ninety-one (91) deaths, or 26.53 per cent., were distributed at ages between five and ninety years.

* Includes one death from inflammation of the Trachea.

As will be seen by the chart, this disease was most fatal in the spring and winter months.

The deaths by quarters were as follows:

First quarter, -	141	Third quarter, -	33
Second quarter, -	77	Fourth quarter, -	92

Pneumonia.—This disease caused one thousand and eighty-five (1,085) deaths, or 5.11 per cent. of the mortality from all causes. In 1874 and 1875 pneumonia held the second place upon the list of diseases arranged in the order of succession of mortality. In the preceding seven years, with the exception of 1870 and 1872, it was third upon the list.

There was an increase of one hundred and twenty-two (122) deaths over the number registered in the preceding year. The proportion of the sexes was five hundred and seventy-seven (577) males to five hundred and eight (508) females.

The mortality by months and quarters was as follows:

	Number of Deaths.	Number of Deaths.	Quarters.
January	126		
February	144	445	First Quarter.
March	175		
April	139		
May	115	316	Second Quarter.
June	62		
July	20		
August	36	82	Third Quarter.
September	26		
October	56		
November	76	242	Fourth Quarter.
December	110		
Total	1,085	1,085	Total.

As is generally the case, by far the greatest mortality occurred in the early part of the year, and the least mortality in the months of July, August, and September. There were five hundred and eighty-four (584) deaths in the months of January, February, March, and April, or 53.82 per cent. of the mortality for the entire year.

In order to study the influence of the seasons on pneumonia, reference should be made to the chart exhibiting the course of the mortality from this disease, and from bronchitis and consumption for each week in the year, in connection with the meteorological phenomena.

Pneumonia is most fatal in the two extremes of life. One hundred and sixty-seven (167) deaths, or 15.39 per cent., took place among infants in their first year; one hundred and fourteen (114) deaths, or 10.51 per cent., occurred between one and two years; and one hundred (100) deaths, or 9.22 per cent., between two and five years.

At ages under ten years, there were four hundred and nine (409) deaths, or 37.69 per cent. of the total number. Between ten and twenty years, there were twenty-eight (28) deaths, or 2.57 per cent. At ages over sixty years, there were two hundred and fifty-five (255) deaths, or 23.50 per cent. of the whole mortality. Six hundred and sixty-four (664) deaths, or 61.19 per cent., occurred at ages under ten and over sixty years. The least fatal period was between ten and twenty years; next, between twenty and thirty, forty and fifty, and thirty and forty years, in the order named.

The following table shows the number of deaths, and the per cent. of mortality from all causes, of consumption, pneumonia, congestion of the lungs, and bronchitis, for the year 1875:

1875.	Consumption.	Pneumonia.	Congestion of lungs.	Bronchitis.	Totals.
Number of deaths.....	2,359	1,085	192	343	3,979
Per cent. of total mortality	13.25	5.11	1.08	1.93	21.37

DEVELOPMENTAL DISEASES.

The whole number of deaths under this class, exclusive of still-births, amounted to two thousand and twenty-four (2,024).

Of this number one thousand and fifty-nine (1,059) were charged to atrophy and debility.

Most of the deaths from these causes (elsewhere classed as inanition and debility) took place in early and advanced life.

VIOLENT DEATHS.

There were seven hundred and three (703) deaths by violence, an increase of eighty-two (82) over the previous year. Of this number five hundred and five (505), or 71.83 per cent., were males. The rate per ten thousand of population was 8.75, against 8.01 in 1874.

The greatest number of deaths occurred at ages between twenty and thirty years; next, between forty and fifty, and then between thirty and forty years.

Seventy five (75) deaths from violence were registered under one year of age. Fifty (50) of these were by accident or negligence, as follows: thirty-one (31) by suffocation; three (3) by burns and scalds; two (2) from poison; one (1) by drowning; one (1) from fracture; and the remaining twelve (12) deaths by various other causes. There were, altogether, twenty-seven (27) deaths by homicide, and sixty-eight (68) deaths by suicide.

Death rates in some American Cities during the year 1875.

CITY.	Estimated Population.	Deaths per 1000.
New York	1,046,037*	29.35
Philadelphia	800,000†	22.25
Brooklyn	500,000	24.94
St. Louis	450,000‡	16.50
Chicago	420,000	18.80
Baltimore	350,000§	20.90
Boston	342,000	26.18
Cincinnati	265,000	20.39
San Francisco	230,000	19.28
New Orleans	210,000	29.13
Cleveland	162,000	18.28
Pittsburgh	140,000	21.12
Detroit	110,000	20.00
Milwaukie	100,781	14.70
Providence, R. I.	100,675	19.02
Richmond, Va.	72,639	21.84
New Haven	60,000	20.48
Charleston	56,540	30.08
Memphis	50,000	23.06
Toledo	50,000	13.46
Dayton, Ohio	36,000	14.22

*State census taken during the month of June, 1875.

†Estimated to middle of year 1875. Census taken in April, 1876, gives a population of 817,448.

‡An estimated increase of 50,000 over the estimate for 1874.

§From October 31, 1874, to October 31, 1875.

Death rates in Foreign and American Cities during the year 1875, *taken from the quarterly returns of the Registrar General of England.*

CITIES.	First Quarter.		Second Quarter.		Third Quarter.		Fourth Quarter.	
	No. of Deaths.	Rate per 1,000 of population.	No. of Deaths.	Rate per 1,000 of population.	No. of Deaths.	Rate per 1,000 of population.	No. of Deaths.	Rate per 1,000 of population.
London	23,367	27.2	18,838	21.9	18,469	21.5	20,839	24.3
Paris	12,648	27.4	.....	.....	10,709	23.2	11,052	24.0
Berlin	6,629	27.1	8,034	32.9	9,624	39.4	6,366	26.1
Vienna	4,956	29.4	4,882	29.0	3,614	21.4	4,523	26.8
Breslau	1,670	29.8	1,946	34.7	1,997	35.6	1,470	26.2
Munich	1,947	42.8	1,802	39.1	1,611	34.9	1,527	33.1
Brussels	1,310	27.9	1,144	24.4	1,096	23.4	1,017	21.7
Amsterdam	2,607	36.5	2,143	30.0	1,911	26.7	2,093	29.3
Rotterdam	1,266	39.3	1,005	31.2	867	26 9	865	26.9
The Hague	768	31.6	723	29.7	700	28.8	575	23.7
Christiana	450	24.1	375	20.1	410	21.9	492	26.3
Naples	4,916	43.7	3,965	35.3	3,335	29.7	.....	.....
Milan	2,783	41.3	.....	.....	.....	.....	.....	.....
Turin	1,821	33.6	1,411	26.0	1,136	20 9	1,257	23.2
Calcutta	3,810	34.2	3,471	31.1	3,061	27.4	4,626	41.5
Bombay	5,359	33.4	4,862	30.3	4,346	27.1	4,147	25.8
Madras	3,742	37.8	3,333	33.7	3,333	33.7	3,762	38.0
Buda Pest	.....	.....	3,343	44.7	2,871	38.4	2,555	34.2
Rome	.....	.....	1,543	24.2	1,940	30.4	2,163	33.9
Alexandria	.....	.....	2,301	43.6	2,569	48.6	2,020	38.2
Copenhagen	.....	.....	.....	.....	1,487	30.0	1,226	24.7
New York	7,943	30.7	7,038	27.2	9,169	35.4	6,451	24.9
Brooklyn	2,886	25.7	2,588	23.1	.....	.....	3,102	27 7
Philadelphia	4,658	23.4	4,617	23.2	4,907	24.6	3,903	19.6

Appropriations and Expenditures.

GENERAL APPROPRIATION.		Amount appropriated.	Amount expended.	Balance merging.
Ordinance of City Councils, approved December 31, 1874		$445,832 66		
Ordinance of City Councils, approved July 8, 1875		3,576 61		
		449,409 27		
Item.				
1. For salary of Health Officer		2,100 00	$2,100 00	
2. For salary of Chief Clerk		1,800 00	1,800 00	
3. For salaries of three Assistant Clerks		3,000 00	3,000 00	
4. For salary of Registration Clerk		1.200 00	1,200 00	
5. For salaries of four Assistant Registration Clerks		3,400 00	3,400 00	
6. For salary of Port Physician		1,200 00	1,200 00	
7. For salary of Runner		500 00	500 00	
8. For salaries of Chief Inspector and ten Nuisance Inspectors and two Messengers		8,920 00	8,920 00	
9. For salaries of two Night Inspectors		1,320 00	1,320 00	
10. For salaries of two Vessel Inspectors (from June to October)		360 00	360 00	
11. For pay of Vaccine Physicians	$4,000 00			
Transfer from Item 39, approved December 28, 1875	1,400 00	5,400 00	4,813 40	586 60
12. For fuel, furniture, repairs, postage, &c., and incidentals	1,000 00			
Transfer from Item 30, approved December 28, 1875	400 00	1,400 00	1,374 75	25 25
13. For printing, advertising, books, newspapers, blanks, and stationery		1,000 00	865 53	134 47
14. For removal of nuisances	25,000 00			
Transfer from Items 37 and 43, approved December 28, 1875	2,000 00	27,000 00	26,998 56	1 44
15. For carriage hire, and railroad tickets for District Committees		800 00	720 00	80 00
16. For carriage hire and railroad tickets for Burial Ground and Poudrette Committees, and for expenses incurred in executing the Poudrette Laws		500 00	486 75	13 25
17. Executing the Registration Act, and for expenses of office; also, for books, stationery, blanks, and advertising	1,900 00			
Transfer from Item 38, approved December 28, 1875	400 00	2,300 00	2,146 81	153 19
18. For salary of Lazaretto Physician		2,500 00	2,500 00	
19. For salary of Quarantine Master		2,000 00	2,000 00	
20. For salary of Steward, Lazaretto		1,200 00	1,200 00	
21. For salary of Gardener, Lazaretto		240 00	240 00	
22. For salaries of Bargemen (Tugmen and Engineers), Lazaretto		3,160 00	3,160 00	
23. For salaries of Male Nurses, Lazaretto		150 00	130 00	20 00
24. For salaries of Female Nurses, Lazaretto		200 00		200 00
25. For salary of Watchman, Lazaretto		100 00	100 00	
26. For clothing, bedding, brushes, furniture, soap, cleansing, and incidentals, Lazaretto		800 00	478 47	321 53
Amounts carried forward		$72,550 00	$71,014 27	$1,535 73

Appropriations and Expenditures—Continued.

GENERAL APPROPRIATION.		Amount appropriated.	Amount expended.	Balance merging.
Amounts brought forward		$72,550 00	$71,014 27	$1,535 73
Item.				
27. For medicines, lime, coffins, and burial expenses, Lazaretto		300 00	96 23	203 77
28. For coal, oil, paints, fluid, flags, boats, and repairs, Lazaretto		600 00	431 59	168 41
29. For carriage hire, and railroad tickets for Lazaretto Committee		200 00	73 35	126 65
30. For board, and washing the clothing of Bargemen, Tugmen, Nurses, Patients, and officers, Lazaretto	1,200 00			
By transfer to Item 12, approved December 28, 1875	400 00			
		800 00	779 24	20 76
31. For general repairs to buildings, grounds, and appurtenances, and for taxes and insurance, Lazaretto		2,500 00	2,455 69	44 31
32. For outside channel visits and taking vessels to Quarantine, and for quarters for boats, bargemen, &c.; including the maintenance of a steam-tug boat		3,500 00	2,590 81	909 19
33. For carrying mails, porterage, and postage, Lazaretto		300 00	238 50	61 50
34. For ice, and filling ice-house, Lazaretto		300 00	298 50	1 50
35. For medical attendance		2,000 00	1,289 00	711 00
36. For salaries of Steward and Stewardess, Municipal Hospital		1,500 00	1,000 00	500 00
37. For salaries of Laundresses, Municipal Hospital	1100 00			
By transfer to Item 14, approved December 28, 1875	600 00			
		500 00	240 00	260 00
38. For salaries of Male Nurses, Municipal Hospital	2,000 00			
By transfer to Item 17, approved December 28, 1875	900 00			
		1,100 00	960 00	140 00
39. For salaries of Female Nurses, Municipal Hospital	2,000 00			
By transfer to Item 11, approved December 28, 1875	1,400 00			
		600 00	510 00	90 00
40. For salary of Fireman, Municipal Hospital		300 00	300 00	
41. For salary of Watchman, Municipal Hospital		300 00	240 00	60 00
42. For salaries of two Gardeners, Municipal Hospital		500 00	420 00	80 00
43. For board and washing for Patients, Nurses, and Officers, Municipal Hospital	3,000 00			
By transfer to Item 14, approved December 28, 1875	1,400 00			
		1,600 00	1,572 78	27 22
44. For clothing, bedding, furniture, repairs and incidentals, Municipal Hospital		500 00	405 08	94 92
45. For fuel, lights, brushes, soap, cleaning and incidental supplies, Municipal Hospital		1,000 00	618 36	381 64
Amounts carried forward		$90,950 00	$85,533 40	$5,416 60

Appropriations and Expenditures—Continued.

GENERAL APPROPRIATION.		Amount appropriated.	Amount expended.	Balance merging.
Amount brought forward....	.....	$90,950 00	$85,533 40	$5,416 60
Item.				
46. For medicines, coffins, and burial expenses, including expenses of removing bodies from small pox burying ground, necessitated by the opening of Lehigh Avenue.....	.....	1,500 00	194 52	1,305 48
47. For carr age hire, railroad tickets, conveyance of patients, tolls, porterage and postage, Municipal Hospital.....	.....	500 00	430 22	69 78
48. For general expenses of Sanitary Committee, printing, blanks and stationery	.....	1,300 00	1,150 24	149 76
49. For the purchase of horses, vehicles and harness, and for the keep of and repairs to the same, Municipal Hospital.	.....	1,000 00	617 70	382 00
50. For insurance, and general improvements and repairs to buildings, grounds and appurtenances, including the maintenance of a telegraph, Municipal Hospital.....	1,000 00			
Transfer from Item 38, approved December 28, 1875.....	500 00			
		1,500 00	1,466 37	33 63
51. For pay of contractors for cleaning the streets and markets, and removing the ashes, dead animals and garbage therefrom.....	285,488 33			
Additional appropriation, approved July 8, 1875.....	2,472 58			
		287,960 91	281,962 86	5,998 05
52. For stationery and printing.....	.....	2,000 00	1,973 04	26 96
53. For salaries.....	4,400 00			
Additional appropriation, approved July 8, 1875.....	525 00			
		4,925 00	4,830 00	95 00
54. For incidentals.....	1,800 00			
Additional appropriation, approved July 8, 1875.....	150 00			
		1,950 00	1,882 0	67 50
55. For the removal of kitchen garbage and offal.....	55,394 33			
Additional appropriation, approved July 8, 1875.....	429 03			
		55,823 36	50,369 33	5,454 03
Totals..... ...	.....	$449,409 27	$430,410 18	$18,999 09

ERRATUM.

Page 177, Read Permits, removing dead bodies, - 796 00
and Permits, cleaning wells, - - - - 8,344 00

RECEIPTS, 1875.

The following items are the receipts of the Health Office from January 1st to December 31st, 1875.

Fees on vessels from foreign ports, - -	$9,115 00
Fees on coastwise vessels, - - -	337 00
Examination of passengers, - - -	5,089 00
Outside channel fee at Lazaretto, - -	2,345 00
Repayment of costs for removal of nuisances, -	10,767 84
Board of patients at Municipal Hospital, -	338 64
Licenses to clean privy wells, - - -	2,700 00
Permits, removing dead bodies, - - -	8,344 00
Permits, cleaning privy wells, - - -	796 00
Permits, unloading fish, hides, &c., - -	80 50
Miscellaneous, - - - - -	128 85
Total, - -	$40,041 83

By order of the Board of Health.

HENRY DAVIS,
President.

WILLIAM H. FORD, M.D.
Secretary.

APPENDIX No. 1.

MUNICIPAL HOSPITAL,

Philadelphia, February 1, 1876.

To the President and Members
of the Board of Health.

GENTLEMEN:—The admissions into the hospital during the year 1875 were somewhat in excess over those of the previous year, yet they can scarcely be said to be above the annual average, excluding, of course, the years during which epidemic diseases have prevailed.

At the close of the year 1874, two (2) patients remained in the hospital under treatment; and during the year 1875, eighty-six (86) were admitted, making the total number treated in the hospital during the year, eighty-eight (88). Of this number, sixty-seven (67) were discharged cured, and seventeen (17) died, leaving four (4) in the hospital at the close of the year.

These facts may be seen in a tabular form, as follows:—

Remaining January 1, 1875.	Admitted.	Discharged.	Died.	Remaining December 31, 1875.
2	86	67	17	4

Of the eighty-six (86) cases admitted, forty-eight (48) suffered from small-pox, and thirty-eight (38) from diseases which will be hereafter designated, but which are embraced in the following table under the head of "Other Diseases." The following table shows the number of admissions into the hospital during each month of the year:—

MONTHS.	Small Pox.	Other Diseases.	Totals.
January	1	7	8
February	2	5	7
March	14	15	29
April	2	3	5
May	1	2	3
June	3	1	4
July	1	.....	1
August	1	1	2
September	1	.....	1
October	3	2	5
November	10	1	11
December	9	1	10
Totals	48	38	86

The diseases comprised in the above table under the head of "Other Diseases" will be found specified in the following table:—

DISEASES.	Admitted.	Sex.		Color.		Died.
		Male.	Female.	White.	Black.	
Chicken-pox	1	1	.....	1	.....	.....
Measles	3	2	1	2	1	.....
No Disease	15	3	12	15	.....	.....
Scarlet Fever	18	6	12	17	1	.....
Syphilis	1	1	.....	.....	1	.....
Totals	38	13	25	35	3	.....

The case of chicken-pox, the three cases of measles, and the case of syphilis, were all sent to the hospital as cases of small-pox. One of the cases of measles was exposed, while in the hospital, to the contagion of small-pox, but did not contract the disease. The protection was evidently due to a recent vaccination.

The history of the case is, as follows:—

Case 3,553.—A male patient, colored, aged 21 years, was admitted, February 9th, with measles. He had been vaccinated eleven months previous; exhibited two fair cicatrices; was re-

vaccinated on the day of admission; no result; remained sixteen (16) days in hospital, during which time he was continually exposed to small pox; did not contract the disease.

The admissions under the head of "No Disease" were invariably members of families from which one or more persons were admitted suffering from small-pox, and since infection did not result from the exposure, it may perhaps prove interesting to notice the date and character of the vaccination to which they owed their immunity from the disease. I submit, therefore, a brief history of each of these persons, as follows:

No. 3,542.—A male person, white, aged 42 years, was admitted, January 3d, along with his wife, who had small-pox; he had been vaccinated in infancy; fair cicatrix; revaccinated January 4th; no result; remained in hospital sixteen (16) days.

No. 3,551.—A male child, white, aged 2 years, was admitted, February 8th, in company with other members of the family, some of whom were suffering from small-pox; he was vaccinated when 4 months old; showed two good cicatrices; remained in hospital fourteen (14) days.

No. 3,552.—A female child, white, aged 9 months, was admitted, February 8th, in company with other members of the family, some of whom were suffering from small-pox; she was not vaccinated when admitted; February 9th, vaccination performed; four insertions were made; all "took" well; remained in hospital fourteen (14) days, and was perfectly protected against small-pox.

No. 3,558.—An adult, white, aged 27 years, was admitted, March 5th, as nurse to her child, which had small-pox; she had been vaccinated in infancy; showed six poor cicatrices; was revaccinated just before entering hospital, but without result; remained in hospital ten (10) days.

No. 3,562.—An adult, white, aged 23 years, was admitted, March 10th, as nurse to her child, which had small-pox; had been vaccinated in infancy; presented a good cicatrix; remained in hospital nine (9) days.

No. 3,564.—An adult, white, aged 20 years, was admitted, March 10th, as nurse to her babe suffering from small-pox; she

had been vacinated in infancy, and showed a good cicatrix; remained in hospital six (6) days.

No. 3,566.—An adult, white, aged 30 years, was admitted, March 10th, as nurse to her child, which was suffering from small-pox; she had been vaccinated in infancy, and showed a good cicatrix; remained in hospital twenty (20) days.

No. 3,568.—A female child, white, aged 1 year, was admitted, March 10th, in company with several other members of the family, some of whom were suffering from small-pox; she was not vaccinated when admitted; vaccination performed March 10th, after entering hospital; two insertions were made, both of which "took" well; remained in hospital twenty (20) days; was perfectly protected against small-pox.

No. 3,570.—A male child, white, aged 2 years, was admitted, March 11th, in company with several other members of the family, some of whom were suffering from small-pox; he was not vaccinated at the time of admission; vaccination performed March 11th, after entering hospital; two insertions were made, both of which "took" well; remained in hospital nineteen (19) days; was perfectly protected against small-pox.

No. 3,572.—A female, white, aged 18 years, was admitted, March 11th, as nurse to her little brother, who had small-pox; she had been vaccinated in infancy, and showed a good cicatrix; remained in hospital five (5) days.

No. 3,574.—An adult, white, aged 25 years, was admitted, March 12th, as nurse to her babe sick with small-pox; she had been vaccinated in infancy, and presented a poor cicatrix; had small-pox eight years ago; well-marked pitting; remained in hospital seven (7) days.

No. 3,595.—A young lady, white, aged 19 years, was admitted, June 15th, in company with her mother, who had small-pox; she had been vaccinated in infancy; showed a good cicatrix; revaccinated four years ago; two good cicatrices; revaccinated again on the day of admission; no result; remained in hospital twenty-five (25) days.

No. 3,599.—A female, white, aged 29 years, was admitted, August 24th, in company with her husband, who had small-pox; she had been vaccinated in infancy; exhibited one fair and two poor cicatrices; remained in hospital six (6) days.

No. 3,605.—A mother, white, aged 25 years, was admitted, Oct. 23d, to take care of her babe, which had small-pox; she had been vaccinated in infancy; presented three good cicatrices; revaccinated four years ago; no result; remained in hospital eleven (11) days.

No. 3,619.—A child, white, aged 4 months, was admitted, December 4th, in connection with its mother who had varioloid; vaccination had been performed two months previous; showed a good cicatrix; continued nursing throughout its mother's illness; remained in hospital twenty-one (21) days; was perfectly protected against small-pox.

Nos. 3,551, and 3,619, are striking examples of the immunity from small-pox which vaccination is capable of conferring upon infants; and Nos. 3,552, 3,568, and 3,570, are not only striking examples of the prophylactic power of vaccination, but they show also the great importance of vaccinating even after exposure to small-pox has taken place.

The cases of scarlet fever occupied wards widely separated from those which contained cases of small-pox, and were therefore not exposed to the contagion of the latter disease. The bed-clothing used by these patients had been used a few months previous by small-pox patients, but in the mean time they had been thoroughly washed and aired, which appears to have been sufficient to dissipate or neutralize the infection of that disease, since none of the patients contracted small-pox

The ages of the eighteen (18) cases of scarlet fever may be seen by the following table:—

	6 years.	9 years.	11 years.	13 years.	14 years.	15 years.	16 years.	17 years.	19 years.	20 years.	24 years.	3[illegible] years.	37 years.	Total.
Scarlet Fever.....	1	1	1	2	1	1	4	1	1	2	1	1	1	18

The following table shows the admissions, the deaths, and the percentage of deaths, during the year, from variola and varioloid :—

DISEASE.	Admitted.	Died.	Percentage of deaths.
Variola	28	17	60.71
Varioloid	20		
Totals	48	17	35.41

The total number of cases of small-pox admitted during the year is forty-eight (48), an increase of thirty-two over the previous year. Out of the forty-eight (48) admissions, seventeen (17) deaths occurred, giving a death-rate of 35.41 per cent., which is about 5 per cent. above the annual average.

Of the twenty-eight (28) cases of variola admitted, seventeen (17) died, giving a death-rate of 60.71 per cent. This is a higher death-rate from variola than resulted during the late epidemic of small-pox—amounting then to 55.95 per cent.

The following table shows the variolous cases classified according to color,—showing the total admissions and deaths of each color; also showing the number of admissions and deaths of the unvaccinated cases of each color :—

COLOR.	Admitted.	Died.	Percentage of deaths.
White	41	13	31.7
Black	7	4	57.14
Totals	48	17	35.41
Unvaccinated White	12	8	66.66
" Black	5	3	60.
Totals	17	11	64.7

The following table shows the variolous cases classified according to sex,—showing the admissions, the deaths, and the death-rate, of each sex:—

SEX.	Admitted.	Died.	Percentage of Deaths.
Male	22	7	31.81
Female	26	10	38.46
Totals	48	17	35.41

The following table shows the variolous cases classified according to age,—showing the admissions, the deaths, and the death-rates, occurring within the several periods of life therein designated:—

AGES.	Admitted.	Died.	Percentage of Deaths.
Under 1 year	1	.....	.....
1 to 15 years	13	6	46.15
15 to 25 years	20	8	40.
25 to 45 years	13	3	23.
45 years and upwards	1	.....	.....
Totals	48	17	35.41

The following table shows the admissions and deaths, under the age of puberty (15 years), divided into the vaccinated and the unvaccinated cases; it shows also the post-vaccinal cases divided according to the quality of their vaccine cicatrices:—

	Admitted.	Died.	Percentage of Deaths.
Not Vaccinated	9	5	55.55
Vaccinated in infancy, good cicatrix	2	.....	.....
" " fair "	.....	.....	.....
" " poor "	3	1	.....
Post-vaccinal cases	5	1	.....

Of the nine (9) unvaccinated cases tabulated above, five (5) died, making the death-rate 55.55 per cent. It is, perhaps, proper to add that three (3) of the number had been vaccinated after exposure, but the interval between the date of vaccination, and that of the appearance of the variolous disease, appears to have not been long enough to enable the vaccination to exercise its prophylactic power; hence, I have classified these cases among the unvaccinated. The following brief notes on these three (3) cases will show the date of vaccination, the date at which the variolous eruption appeared, etc.:—

Case 3,565.—A child, white, aged 2 years, was admitted, March 10th, suffering from variola. According to the mother's statement, the child had been vaccinated seven days previous to the appearance of the eruption; exhibits an arm bearing a vaccine crust, which, however, has not a typical appearance; the eruption not modified. Death ensued, March 13th, on the twelfth day of the eruption.

Case 3,577.—A child, white, aged 6 years, was admitted, March 20th, suffering from variola, the second day of the eruption. (I have been informed that vaccination was performed March 8th, or ten days previous to the appearance of the variolous eruption.) A retarded vaccine vesicle is developing, but it exerts no modifying influence over the disease Death ensued, March 26th, on the eighth day of the eruption.

Case 3,578.—A child, white, aged 9 years, was admitted, March 20th, suffering from variola, the first day of the eruption. The vaccination—the date and character of which were the same as in Case 3,577—was performed eleven days previous to the appearance of the variolous eruption; no modifying influence exerted; recovery took place; twenty-eight (28) days in hospital.

Of the two (2) cases recorded in the table as showing good cicatrices, one was 10 years old, had been vaccinated in infancy, showed two good cicatrices, had a very mild attack of varioloid, recovered, and was discharged, after remaining in the hospital nineteen (19) days. The other, a female, was also 10 years old, had been vaccinated in infancy, and was several times revaccina-

ted during the late epidemic of small-pox, but always without result. She was admitted to the hospital, December 4th, in company with her mother, who had varioloid. At the date of admission she was still well. December 11th, fever appeared, with pain in back, etc.; on the 14th, there was observed a general efflorescence of the skin, and about half-a-dozen variolous papules, which latter disappeared without becoming vesicular. The sickness was so slight that it did not oblige the child to remain in bed, and if it had not occurred under suspicious circumstances, its true nature, very probably, would have been overlooked.

Of the three (3) cases recorded in the table as showing poor cicatrices, one was 4 years old, had been vaccinated three years ago, and showed a very poor cicatrix, being indeed scarcely visible. The case proved to be varioloid, and recovered. The other was 5 years old, had been vaccinated in infancy, and showed a very poor cicatrix, which, like that of the last case, was scarcely visible. Death ensued on the eleventh day of the eruption. And the other case was 9 years old, had been vaccinated in infancy, and presented a poor cicatrix; the disease was varioloid, from which recovery took place.

The following table shows a division of the variolous cases into the vaccinated and the unvaccinated; and it shows also the vaccinated cases divided according to the quality of their vaccine cicatrices:—

	Admitted.	Died.	Percentage of deaths.
Vaccinated in infancy, good cicatrix...	11	2	.....
" " fair " ...	8	1	.....
" " poor " ...	12	3	25.
Post-vaccinal cases.....	31	6	19.35
Unvaccinated cases.....	17	11	64.7
Totals.....	48	17	35.41

The following table shows the variolous patients classified according to their nationality:—

		Admitted.	Died.	Percentage of deaths.
United States.	Not Vaccinated	15	9	63
	Vaccinated in infancy, good cicatrix	8	1	.....
	Vaccinated in infancy, fair "	6	1	.....
	Vaccinated in infancy, poor "	6	3	.....
	Post-vaccinal cases	20	5	25
Germany.	Not vaccinated	1	1	.....
	Vaccinated in infancy, good cicatrix	2	1	.....
	Vaccinated in infancy, fair "	1	.....	.....
	Vaccinated in infancy, poor "	1	.....	.....
	Post vaccinal cases	4	1	25
Ireland.	Not vaccinated	1	1	.....
	Vaccinated in infancy, good cicatrix	.....	.....	.....
	Vaccinated in infancy, fair "	.....	.....	.....
	Vaccinated in infancy, poor "	2	.....	.....
	Post-vaccinal cases	2	.....	.....
Other Nativity.	Not vaccinated	.....	.....	.....
	Vaccinated in infancy, good cicatrix	1	.....	.....
	Vaccinated in infancy, fair "	1	.....	.....
	Vaccinated in infancy, poor "	3	.....	.....
	Post-vaccinal cases	5	.....	.....

The following table shows the variolous cases classified according to the number and quality of their vaccine cicatrices:—

	Admitted.	Died.	Percentage of deaths.
Vaccinated in infancy—*one* good cicatrix.....	7	1	.....
" " " fair "	6	.....	.....
" " " poor "	12	3	25
Total number showing *one* cicatrix.....	25	4	16
Vaccinated in infancy—*two* good cicatrices.....	2	.....	.....
" " " fair "	1	1	.....
" " " poor "	.....	.....	.....
Total number showing *two* cicatrices.....	3	1	.....
Vaccinated in infancy—*three* good cicatrices.....	.....	.....	.....
" " " fair "	.....	.....	.....
" " " poor "	.....	.....	.....
Total number showing *three* cicatrices.....	.....	.....	.....
Vaccinated in infancy—*four or more* good cicatrices..	2	1	.....
" " " " fair " ..	1	.....	.....
" " " " poor " ..	.....	.....	.....
Total number showing *four or more* cicatrices..	3	1	.....

The following table shows the day of eruption on which death occurred in the seventeen (17) fatal cases of small-pox:—

Day of Eruption.	6th.	7th.	8th.	9th.	10th.	11th.	12th.	14th.	15th.	16th.	19th.
Number of Deaths..	1	3	2	1	1	1	4	1	1	1	1

Two of the patients admitted with small-pox during the year stated that they had been successfully revaccinated. One of these, it is true, had been revaccinated, but not until after exposure to small-pox had taken place; and although the vaccine vesicle developed ten days in advance of the variolous eruption, yet it did not appear to exert any modifying influence over the disease. There was, however, a slight modification of the eruption, but I am inclined to believe that this was due to the primary vaccination. The other case was unable to show any scar whatever resulting from the revaccination. In the absence of this proof, the statement of the patient concerning this matter cannot be accepted as true. A brief history of each of these cases is submitted, as follows:

Case 3,614.—A female, white, aged 38 years, was admitted, November 24th, suffering from varioloid; she had been vaccinated in infancy, and exhibited a fair cicatrix; was revaccinated November 14th; "taking" very well. The eruption made its appearance November 24th, ten days after revaccination had been performed, but did not appear to be modified by the recent vaccination. Recovery took place; length of time in hospital, twenty-five (25) days.

Case 3,621.—A female, white, aged 24 years, was admitted, December 17th, suffering from variola; she had been vaccinated in infancy; presented eight good cicatrices; says she was revaccinated at 17 years of age, and that it "took," but has no scar to show as to the result of this vaccination. The eruption, instead of becoming distinctly vesicular, assumed the petechial or hemorrhagic character, giving to the patient a deep purple or indigo color. Blood was expectorated; it passed from the bowels; and the urine contained it. The urine was of course loaded with albumen. Consciousness remained perfect until death, which took place, December 20th, on the fourth day of the eruption.

One case of small-pox complicated with pregnancy was admitted during the year. Abortion took place, and death ensued. The history of the case is briefly, as follows:

Case 3,609.—A female, colored, aged 20 years, was admitted with variola, November 19th; she had been vaccinated in infancy, and showed a very poor cicatrix; was six and a-half months advanced in pregnancy; abortion took place, November 20th, on the fifth day of the eruption. The infant survived nearly twenty-four hours, and then died from debility; the mother died November 23d.

Two of the cases of small-pox treated during the year exhibited a complication which I have found to be uniformly fatal, namely, *gangrenous inflammation of the genital organs.* This usually shows itself first by an œdematous swelling of the prepuce and scrotum, and gangrene of the latter rapidly follows. One of these patients, a white man, aged 24 years, was attacked, on the fourteenth day of the eruption, with œdematous swelling of the genitals; gangrenous spots were observed on the scrotum the following day, and the day following this death occurred. The other patient, a white child, aged 2 years, was attacked by this complication two or three days preceding its death, which occurred on the fourteenth day of the eruption.

Paralysis, which, according to my experience, is by no means a frequent sequela of small-pox, was observed in one of the cases treated during the year. This symptom, which was simply paralysis of motion, affecting chiefly the lower extremities, made its appearance during the decline of the eruption. The patient complained of severe headache during the greater part of his illness, and there was obstinate and persistent vomiting. There was also some psychical disturbance, which improved as convalescence advanced. The patient remained in the hospital fifty-one (51) days, and at the date of discharge had so far improved that he was able to walk, though in a tottering gait. These symptons evidently point to the brain, and perhaps to the spinal cord also, as the seats of some anatomical lesion, arising through the action of the variolous poison.

Respectfully submitted,

W. M. WELCH,

Physician-in-Charge.

APPENDIX No. II.

To William H. Ford, M. D.,

Secretary Board of Health.

Sir :—I have the honor to report that but little out of the ordinary routine of visiting vessels has occurred during the quarantine season of the past year. But three cases were admitted into the hospital; one with small-pox, from Matanzas, June 17; one with malarial fever, June 18; and one with bilious fever, August 1; all of which recovered promptly.

July 30, on account of a report that yellow fever prevailed at Pensacola, the Board of Health passed a resolution directing the Lazaretto physician to detain all vessels coming to the station from that and adjacent ports for examination, and report their condition daily to the Board; and as there was no sickness on any vessel arriving from said ports, the vessels were released after a detention of from twenty-four to forty-eight hours.

But one steamer from Havana and one from New Orleans were detained, both of which were released within forty-eight hours after their arrival. The detention of the first named steamer having occurred on Saturday afternoon, and as a vessel once detained by the physician cannot be released until action is taken by the Board, it caused a dissatisfaction on the part of the captain, and, as is always the case under like circumstances, brings odium unjustly upon the officers of the Quarantine.

The need of a telegraph line to the station is greatly felt by the shipping interests of the city, as when steamers are about to arrive, or vessels are detained, there being but one mail from the station in the early mornings, and a return mail at two P. M. from the Board, if anything occurs in the meantime it necessitates the waiting of the vessel for twenty-four hours, and as in the case above recited, forty-eight hours, before a report to and from the Board can be had.

The health of the residents at the station has been good, there having been but one or two cases of intermittent during the season.

The following recapitulation will exhibit the business done during each month:

Vessels visited during the month of June:		
Steamers,	18	
Ships,	6	
Barks,	39	
Brigs,	33	
Schooners,	100	
Total,		196
Outside visits,		159
Native passengers,		618
Foreign passengers,		438
Vessels visited during the month of July:		
Steamers,	17	
Ships,	5	
Barks,	31	
Brigs,	14	
Schooners,	51	
Total,		118
Outside visits,		103
Native passengers,		446
Foreign passengers,		1,159
Vessel detained,		1
Vessels visited during the month of August:		
Steamers,	14	
Ships,	16	
Barks,	51	
Brigs,	9	
Schooners,	34	
Total,		124
Outside visits,		111
Native passengers,		274
Foreign passengers,		287
Vessels detained.		8

Vessels visited during the month of September:

Steamers,	15	
Ships,	5	
Barks,	49	
Brigs,	17	
Schooners,	34	
Total,		120
Outside visits,		98
Native passengers,		495
Foreign passengers,		677
Vessels detained,		5

TOTAL RECAPITULATION.

Steamers,	64	
Ships,	32	
Barks,	170	
Brigs,	73	
Schooners,	219	
Total,		558
Outside visits,		471
Native passengers,		1,833
Foreign passengers,		2,563
Vessels detained,		14

Respectfully submitted.

D. K. SHOEMAKER,

Lazaretto Physician.

Lazaretto, April 7, 1876.

APPENDIX No. III.

HEALTH OFFICER'S ANNUAL REPORT.

OF

Births, Marriages, and Deaths.

1875.

Registration Department.

HEALTH OFFICE, *Philadelphia, January*, 1876.

To the President and Members
of the Board of Health.

GENTLEMEN:—The following abstract from the records in this Department, for the year ending December 31, 1875, is respectfully presented through you to City Councils, in accordance with the Act of Assembly, approved March 8, 1860:

During the past year the mortality increased over the previous year two thousand five hundred and sixty-seven (2,567), or 16.84 per cent. This increase can be charged to no special epidemic influence, but a general increase of many of the prominent diseases, and when we take into consideration the increase of our population, this excess can be readily accounted for.

It is much to be regretted that we are compelled to estimate our population for want of a semi-decennial census, which should have been taken at the close of the past year. If we had a correct census of our city, it would be of great value, not only commercially, but also in a sanitary point of view, and we could present statistics of a much more interesting character. In the taking of the census the ages of all persons should be obtained. We then could charge each respective age with the corresponding mortality, and thus show a more correct ratio of deaths. At present we are compelled to rate the infant under one year, and all other ages, with the entire population, to obtain the ratio, which is unfair, and does not do justice to our city, and it is to

be hoped that our City Councils will at an early date give a complete census for the city.

BIRTHS.

The number of births registered during the year was seventeen thousand nine hundred and thirty-three (17,933), a decrease of one thousand four hundred and fifty-four (1,454), or 7.49 per cent.

The number of male births was nine thousand three hundred and sixty-one (9,361), a decrease from the previous year of eight hundred and seventy (870); the female births amounted to eight thousand five hundred and seventy-two (8,572), a decrease from the previous year of five hundred and eighty-four (584).

TABLE I.—Births.

The following table will show the number of births in each month, the number of colored and still-births, twins, and triplets.

1875. MONTHS.	Total.	Births.		Black.		Still-born.		Twins.	Triplets.
		M.	F.	M.	F.	M.	F.		
January	1,558	789	769	23	24	37	24	16	.....
February	1,455	737	718	16	16	32	34	15	.....
March	1,558	815	743	18	26	51	50	11	1
April	1,233	628	605	13	20	30	31	12	.....
May	1,382	708	674	14	7	48	24	15	.....
June	1,475	794	681	9	12	34	31	10	.....
July	1,549	817	732	16	21	32	25	21	.....
August	1,533	827	706	15	15	43	38	12	.....
September	1,593	836	757	16	25	33	21	15	1
October	1,500	784	716	10	29	23	35	15	.....
November	1,491	787	704	16	34	40	26	11	.....
December	1,606	839	767	18	31	49	33	19	.....
Total	17,933	9,361	8,572	184	263	452	372	172	2

The number of births in each quarter of the year was as follows:

First quarter, ending March 31,	-	4,571
Second quarter, ending June 30,	-	4,090
Third quarter, ending September 30,	-	4,675
Fourth quarter, ending December 31,	-	4,597
		17,933

TABLE II.

The following table presents the births in each ward during the year 1875.

BIRTHS IN EACH WARD. 1875.

First.....1,088	Eleventh..... 442	Twenty-first..... 491
Second..... 643	Twelfth..... 309	Twenty-second..... 673
Third..... 408	Thirteenth..... 302	Twenty-third..... 390
Fourth..... 563	Fourteenth..... 473	Twenty-fourth.....1,006
Fifth..... 286	Fifteenth.....1,023	Twenty fifth..... 589
Sixth..... 247	Sixteenth..... 487	Twenty-sixth..... 1,522
Seventh..... 507	Seventeenth..... 498	Twenty seventh.... 594
Eighth 265	Eighteenth..... ... 552	Twenty-eighth..... 454
Ninth..... 250	Nineteenth.....1,747	Twenty-ninth..... 732
Tenth..... 352	Twentieth..... 890	Unknown..... 147
Total..... 17,933		

The largest number of births occurred in the Nineteenth Ward, one thousand seven hundred and forty-seven (1,747), and the lowest number in the Sixth, two hundred and forty-seven (247).

MARRIAGES.

The number of marriages registered during the year 1875, amounted to six thousand one hundred and forty-four (6,144), a decrease from the previous year of four hundred and ninety-five (495).

The number and percentage of marriages in each quarter of the year were as follows:

First quarter, ending March 31, .- -	1,360=22.14	per cent.
Second quarter, ending June 30, - -	1,564=25.45	"
Third quarter, ending September 30, -	1,430=23.27	"
Fourth quarter, ending December 31, -	1,790=29.14	"
Total - - - - - -	6,144=100	per cent.

TABLE III.—Marriages. *Nativities of the Parties.*

The following table gives the birth-place of those married.

NATIVITIES.		Birth-place of Brides.			Total of Grooms.
		United States.	Foreign.	Not Given.	
Birth-place of Grooms.	United States	3,372	326	24	3,722
	Foreign	780	1,315	5	2,100
	Not given	26	8	288	322
	Total of Brides	4,178	1,649	317	6,144

The number of marriages in which both parties were natives of the United States was three thousand three hundred and seventy-two (3,372), and the number of marriages in which both parties were of foreign birth was one thousand three hundred and fifteen (1,315), and the number of marriages in which the nativities of both parties were unknown was two hundred and eighty-eight (288).

The number of men married, natives of the United States, amounted to three thousand seven hundred and twenty-two (3,722), and the number of women four thousand one hundred and seventy-eight (4,178); the nativities of three hundred and seventeen (317) women, and three hundred and twenty-two (322) men have been omitted.

The number of men of foreign birth married, amounted to two thousand one hundred (2,100), of whom seven hundred and eighty (780) married women of the United States, one thousand three hundred and fifteen (1,315) married women of foreign birth, and five (5) married women whose nativities were not given.

Of the whole number of persons married (of both parties), natives of the United States amounted to seven thousand nine hundred (7,900).

TABLE IV.—Marriages. *Age of the Parties.*

The following table will show the ages of the parties married during the year 1875.

1875.		Ages of the Women.										Total of Men.
		Under 20.	20 to 25.	25 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Not given.	
Ages of the Men.	Under 20..	26	5	1	1	.....	.....	.....	.....	.....	.....	33
	20 to 25.....	824	1,219	140	27	1	.....	.....	.....	.....	9	2,220
	25 to 30.....	268	979	487	86	7	.....	.....	.....	.....	16	1,843
	30 to 40.....	72	338	408	310	32	1	.....	1	.....	9	1,171
	40 to 50.....	8	43	60	153	64	10	.....	.....	.....	4	342
	50 to 60....	1	7	15	44	50	8	3	.....	.....	.....	128
	60 to 70....	.....	.....	2	6	19	8	4	.....	.....	.....	39
	70 to 80....	.....	.....	1	.....	2	2	1	.....	.....	.....	6
	80 to 90....	.....	.....	....	.....	.....	.....	.....	.....	.....	1	1
	Not given.	3	3	3	1	.....	.....	.....	.....	.....	351	361
Total of women		1,202	2,594	1,117	628	175	29	8	1	.....	390	6,144

The number of men married under the age of twenty, was thirty-three (33), while the women amounted to one thousand two hundred and two (1,202); the number of men married between the age of twenty and twenty-five amounted to two thousand two hundred and twenty (2,220), and the women between the same ages was two thousand five hundred and ninety-four (2,594); the number of men married between twenty-five and thirty was one thousand eight hundred and forty-three (1,843), while the women of the same age amounted to one thousand one hundred and seventeen (1,117); the number of men married between thirty and forty amounted to one thousand five hundred and thirteen (1,513); one man, between eighty and ninety, married a woman whose age was not given.

TABLE V.—Marriages. *Ceremonies Employed.*

The following table will give the number of marriages solemnized during the year, with the various ceremonies employed.

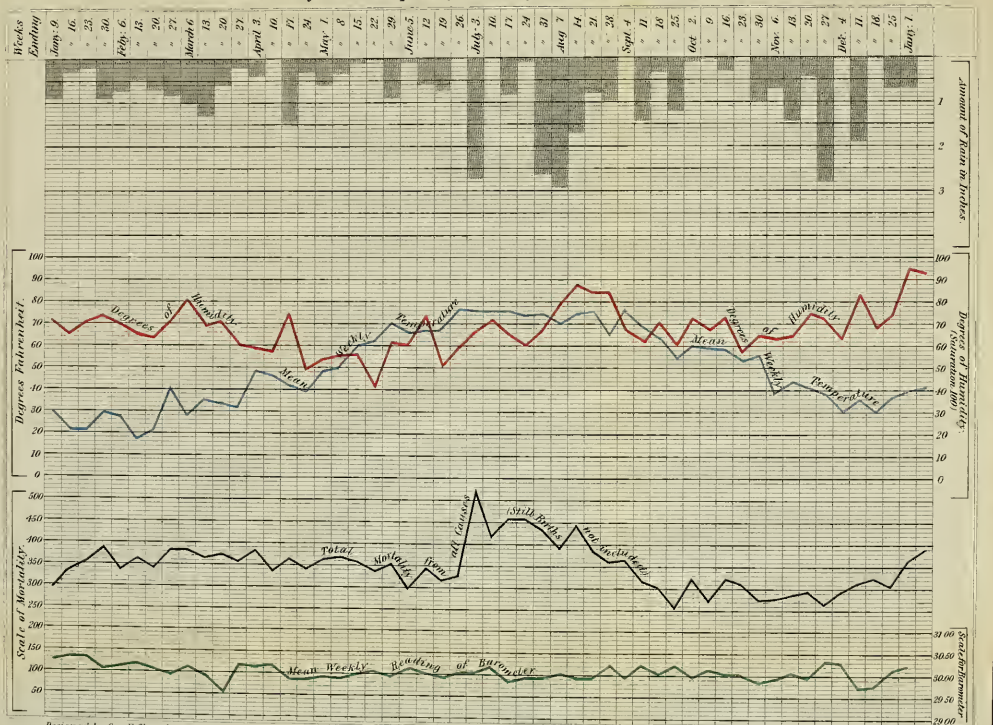
1875. MONTHS.	Totals.	Methodist.	Catholic.	Presbyterian.	Episcopal.	Lutheran.	Baptist.	German Reformed.	Aldermen.	Independent.	Hebrew.	Mayor.	Moravian.	Dutch Reformed.	Congregational.	Evan. Association.	Universalist.	Unitarian.	Friends.	New Jerusalem.	German Independent.	Bible Christian.	Second Advent.	Church of Christ.	Latter Day Saints.
January.....	504	126	104	64	48	32	51	28	28	4	4	5	3	3	...	...	...	1	2	...	1	...	...	...	...
February.....	410	100	89	57	46	34	17	25	15	3	5	7	4	2	2	...	2	...	...	...	1	...	...	...	1
March.....	446	95	32	80	57	44	44	38	18	6	8	11	3	1	1	1	1	1	2	1	...	1	1	...	...
April.....	531	134	128	60	55	35	45	20	26	7	5	5	1	1	2	2	...	3	1	1	...	...	...	...	...
May.....	513	127	95	60	57	69	41	25	17	7	3	2	1	2	...	4	...	1	...	1	...	...	1	...	...
June.....	520	145	90	85	48	38	35	20	29	5	8	2	3	1	2	1	...	2	...	1	1	2	2	...	...
July	426	104	80	67	46	30	32	23	25	10	2	...	1	1	1	...	3	...	...	...	1	...	...	...	...
August.....	414	96	102	51	43	21	27	36	25	6	4	1	...	...	1	...	...	...	...	...	1	...	...	...	...
September...	590	153	84	82	70	58	49	37	23	8	9	5	3	1	4	2	2	...	...	...	...	...	...	...	...
October.....	593	152	98	82	75	49	47	36	31	6	3	4	1	2	...	3	1	...	...	1	...	...	...	2	...
November...	633	150	125	78	66	58	60	14	37	9	8	8	4	3	4	4	3	...	...	...	1	1	...	...	...
December....	564	149	87	75	76	43	54	28	18	5	6	4	5	5	2	1	...	3	1	1	...	...	...	1	...
Totals.....	6144	1531	1114	841	687	511	502	330	292	76	65	54	29	22	19	18	12	11	6	6	6	4	4	3	1

The month of November furnishes the largest number of marriages, six hundred and thirty-three; the Methodist ceremony seems to be preferable to others, as they continue to lead the list one thousand five hundred and thirty-one.

The average number of marrriages per month, 512
" " " " week, 118
" " " " day, 16

CHART

Exhibiting the Course of the Total Mortality from all Causes (Still Births excluded), for the Year 1875, with Meteorological Observations for the same period furnished by the United States Signal Office.



Total Mortality from all Causes. (Scale to the Left.)

Weekly Mean Temperature. (Scale to the Left.)

Rain, in inches.

Degrees of Humidity. (Scale to the Right.)

Weekly Readings of Barometer. (Scale to the Right.)

MORTALITY.

The number of deaths in the city during the year amounted to seventeen thousand eight hundred and five (17,805), an increase over the previous year of two thousand five hundred and sixty-seven (2,567), or 16.84 per cent.

The number of deaths during the year 1875,			17,805.
White,	16,871		
Colored,	934		
Total,			17,805
Males,	9,100		
Females,	8,705		
Total,			17,805
Male adults,	4,350		
Female adults,	4,366		
		8,716	
Male children,	4,750		
Female children,	4,339		
		9,089	
Actual deaths in City,			17,805

Estimating the population at eight hundred thousand three hundred and thirty-two (800,332), we find the deaths in the City to be 1 in every 44.94 of the population, or equal to the death-rate per thousand 22.24.

In the above figures the still-born, premature births, and bodies brought into the city for burial, are excluded. The figures show the actual mortality in the city.

TABLE VI.—*Total interments in the City of Philadelphia, from all causes, during the year 1875.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Abscess	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Ankle Joint	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Arm	2	1	1	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Brain	5	4	1	1	.....	.....	1	.....	.....	.....	.....	2	1	.....	1	.....	.....	.....	.....	.....	.....	4	1	.....
" of Ear	2	.....	2	.....	2	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....
" of Hand	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1
" of Kidneys	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
" of Leg	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
" of Liver	13	6	7	2	3	3	1	.....	.....	1	.....	1	1	3	2	1	.....	.....	.....	.....	.....	8	5	.....
" of Lungs	19	11	8	1	1	.....	.....	.....	1	.....	1	5	5	3	2	2	.....	.....	.....	.....	.....	17	2	.....
" of Lymphatic Glands	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
" of Mouth	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
" of Neck	5	4	1	3	1	2	.....	1	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	4	.....
" of Parotid Gland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Prostate Gland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Spinal Cord	1	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
" of Stomach	2	1	1	1	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
" of Thigh	2	2	.....	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....
" of Throat and Ear	2	2	.....	2	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1
" of Uterus	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Abdominal	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Internal	1	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....
" Lumbar	5	4	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	1	.....	.....	.....	.....	.....	5	.....	.....
" Pelvic	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....
" Psoas	6	4	2	1	1	.....	.....	.....	.....	1	1	1	2	.....	.....	1	.....	.....	.....	.....	.....	4	2	2
Abortion	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Amputation of Arm	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....
Amyloid Disease of Viscera	1	1	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1
Anemia	24	13	11	8	6	4	1	6	1	.....	2	1	2	2	3	1	1	.....	.....	.....	.....	10	14	1
Aneurism	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2	.....	1
" of the Aorta	19	17	2	.....	.....	.....	.....	.....	.....	.....	.....	1	4	9	2	2	.....	1	.....	.....	.....	19	.....	5
" " Subcl'n Artery	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....
" Abdominal	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Abscess	1																					1										
" of Ankle Joint	1																												1			
" of Arm	2								1																							
" of Brain	3	2		1						1			1					1			1				1				1			
" of Ear	1		1																													
" of Hand	1						1																								1	
" of Kidneys	1		1										1																			
" of Leg	1															1	1	3				2					1					1
" of Liver	10	3			2		1		1										1		2	2	1			2		1	1			
" of Lungs	13	6		1			1		1	2			1	1			1		1	1	2	2	1		1							
" of Lymphatic Glands	1																															
" of Mouth	1								1																		1					
" of Neck	4	1			1								1									2										
" of Parotid Gland	1						1															1										
" of Prostate Gland	1																				1											
" of Spinal Cord	1																				1					1						
" of Stomach	2																1											1				
" of Thigh	2																				1											
" of Throat and Ear	2			1											1																	
" of Uterus		1																														
" Abdominal		1		1																		1										
" Internal	1															1						1								1		
" Lumbar	2	1	2							1		1																	1			1
" Pelvic	2																	1				1					1		1	2		
" Psoas	3	1	2							1			1																			
Abortion	1	1								1		1																	1			
Amputation of Arm	1																												1			
Amyloid Disease of Viscera	1																				1	1	2			3	2		1	1	1	2
Anemia	17	5	2	2	3	2		1					1		1														1	1		
Aneurism		1	1																													
" of the Aorta	8	5	6	1			1	2			2							1	1			1			1		3		1	5		
" " Subcl'n Artery	1			1																												
" Abdominal		1								1																						

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of Color.
Aortic Dilatation	1	1													1							1		1	
" Stenosis	1	1														1						1			
Apoplexy	250	139	111	6	3	3	1	1			4	7	13	31	57	67	48	18				241	9	10	
Asphyxia	21	11	10	10	7	15	1	1					1		1	1	1					4	17		
Asthma	50	25	25	3	2		3		1	1		2	5	7	6	12	9	4				45	5	2	4
Bed Sores	1	1													1							1		1	
Biliary Calculi	1		1													1						1			
Boils	1	1															1					1			
Bright's Disease	190	101	89	23	15	2		12	15	3	6	31	30	23	28	21	15	4				152	38	33	14
Burns and Scalds	81	26	55	23	31	3	5	26	8	3	9	10	6	1	6	3		1				27	54		5
Cancer, Not located	1		1									1										1			
" of the Abdomen	4	2	2	1			1							1	1	1						3	1		
" " Arm	2		2										1	1								2			
" " Bladder	2	2													1		1					2			
" " Bowels	8	4	4											5	1	1	1					8			1
" " Brain	1	1										1										1			
" " " & spinal cord	1		1		1					1													1		
" " Breast	49	1	48									1	6	11	12	11	4	4				49			3
" " Eye	1		1													1						1		1	
" " Face	5	3	2											1	1	2	1					5			
" " Face and Neck	2	1														2						2			
" " Jaw	4	4										1		2	1							4			
" " Kidneys	1	1												1				1				1			
" " Leg	1	1															1					1			
" " Lip	2	2												1		1						2			
" " Liver	25	10	15		1						1		4	4	5	10	1					24	1		1
" " Lung	1	1													1							1		1	
" " Mesenteric Glands	3	2	1											1	1	1						3			
" " Mouth	3	3													2		1					3			
" " Neck	4	3	1									1	1		1	1						4			
" " Nose	1	1														1						1			
" " Œsophagus	1	1													1							1			
" " Ovaries	2		2											1	1							2			

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Aortic Dilatation	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" Stenosis	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
Apoplexy	138	94	18	9	11	6	9	6	3	13	11	4	8	3	5	8	11	9	6	7	8	22	19	6	10	7	9	6	5	16	3	14
Asphyxia	20	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	1	1	...	2	...	8	1	...	...	...	...	...	.....	...	0
Asthma	21	27	2	2	4	1	2	2	...	1	1	...	1	...	2	2	1	5	2	1	2	8	2	...	...	...	4	...	3	4	...	...
Bed Sores	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
Biliary Calculi	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Boils	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Bright's Disease	111	41	38	3	5	2	8	5	3	11	4	6	6	3	1	1	6	10	2	7	5	7	11	1	3	3	15	1	11	42	1	7
Burns and Scalds	67	12	2	4	4	2	1	2	3	5	...	3	2	1	2	1	3	6	...	1	...	5	3	4	2	3	3	6	9	1	...	5
Cancer, Not located	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of the Abdomen	3	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	1	...	...	1	...	...	.....	...	...
" " Arm	2	.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Bladder	2	.....	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	...	...	.....	...	...
" " Bowels	4	4	...	1	1	...	...	1	...	1	...	...	1	...	...	...	...	1	...	1	...	.....	1	...	...	...	...	...	...	.....	...	...
" " Brain	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	..	...	...	...	...	...	1	...	...
" " " & spl cord	.....	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Breast	32	17	...	3	5	1	...	...	...	3	2	2	2	1	1	1	2	2	2	1	1	2	1	1	3	3	2	...	2	3	2	1
" " Eye	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" " Face	4	.....	1	..	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	1	...	.....	1	...	...	...	...	...	...	1	...	...
" " Face and Neck	.....	2	..	...	..	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Jaw	2	2	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	.....	1	...	...	...	...	...	1	.....	...	...
" " Kidneys	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	..
" " Leg	.....	1	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	1
" " Lip	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	1
" " Liver	10	15	...	...	2	...	...	...	...	2	2	2	1	...	1	1	2	1	...	...	2	5	2	...	1	...	1	...	...	.....	...	...
" " Lung	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" " Mesen'c Glands	.....	3	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	1	...	...	...	1	.....	...	...
" " Mouth	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	.....	...	...	1	...	...	...	...	.....	...	...
" " Neck	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	...	...
" " Nose	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" " Œsophagus	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" " Ovaries	2	.....	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	...	1	..	...	.....	...	...

TABLE VI—*Continued.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Cancer of the Pancreas	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	2	.....	.....	.....
" " Parotid Gland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Pleura	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Prostate Gland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" " Rectum	8	4	4	.....	.....	.....	.....	.....	.....	.....	.....	1	3	.....	2	2	.....	.....	.....	.....	.....	8	.....	.....	.....
" " Sternum	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Stomach	79	47	32	1	.....	.....	.....	.....	.....	.....	1	4	10	16	19	14	14	1	.....	.....	.....	78	1	3	1
" " Testes	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Throat	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
" " Toe	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Trachea	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
" " Uterus	86	.....	86	.....	.....	.....	.....	.....	.....	.....	.....	3	14	23	29	13	4	.....	.....	.....	.....	86	.....	4	2
" " Vulva	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	3	.....	.....	.....
" Diffused	7	1	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	4	.....	.....	.....	.....	.....	7	.....	.....	.....
Carbuncle	6	4	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	4	.....	.....	.....	.....	6	.....	.....	.....
Caries of Bones of Head	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Spine	9	5	4	3	3	.....	.....	.....	5	1	.....	1	.....	2	.....	.....	.....	.....	.....	.....	.....	3	6	1	1
Casualties	217	185	32	34	12	1	3	10	8	14	10	48	33	30	27	16	13	4	.....	.....	.....	171	46	....	4
Cerebro-spinal Meningitis	83	43	40	35	34	14	12	23	9	7	4	2	3	5	3	.....	1	.....	.....	.....	.....	14	69	2	6
Chicken-pox	2	2	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Child-birth	7	.....	7	.....	.....	.....	.....	.....	.....	.....	.....	3	2	2	.....	.....	.....	.....	.....	.....	.....	7	.....	.....	.....
Cholera Infantum	992	498	494	498	494	772	195	23	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	992	10	58
" Morbus	47	23	24	5	6	5	1	1	2	2	.....	2	7	2	12	7	5	1	.....	.....	.....	36	11	.....	3
Chorea	2	1	1	1	1	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	1
Cirrhosis of Kidneys	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Liver	60	38	22	.....	.....	.....	.....	.....	.....	.....	.....	3	8	18	12	10	9	.....	.....	.....	.....	60	.....	5	.....
Colic (Bilious)	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Collapse of Lungs	5	5	.....	4	.....	4	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	4	.....	.....
Compression of Brain	9	8	1	4	1	2	.....	2	.....	.....	1	.....	.....	1	1	2	.....	.....	.....	.....	.....	4	5	.....	.....
Concussion of Brain	9	7	2	2	1	2	.....	1	.....	.....	.....	.....	1	2	2	1	.....	.....	.....	.....	.....	6	3	.....	.....
" of Spine	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Congestion of Bowels	3	2	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
" of Brain	394	326	168	139	129	116	58	60	20	5	9	21	24	26	21	19	14	1	.....	.....	.....	126	268	.....	9

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Cancer of the Pancreas	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	.....	...	...
" " Parotid Gland	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...
" " Pleura	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	1	...	...	...	...	.....	...	...
" " Prostate Gland	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	...	...
" " Rectum	5	3	...	1	...	...	...	...	...	...	...	1	...	1	1	1	...	...	...	...	...	.....	2	...	...	...	...	...	1	.....	...	...
" " Sternum	.....	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Stomach	31	44	4	3	4	2	5	4	1	2	2	2	4	1	2	1	1	2	2	2	3	5	3	2	3	1	2	2	7	5	3	3
" " Testes	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Throat	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Toe	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	...	...
" " Trachea	1	.....	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" " Uterus	48	33	5	11	9	2	2	1	...	4	...	2	1	...	2	2	2	4	...	2	2	7	8	3	2	2	4	3	1	4	3	3
" " Vulva	2	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	...	...	...	...	...	.....	...	...
" Diffused	7	.....	...	...	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	.....	...	...	1	1	...	...	...	.....	1	1
Carbuncle	4	2	...	1	...	...	...	...	...	1	2	...	...	...	...	1	...	...	...	...	...	.....	1	...	...	...	...	...	...	.....	...	...
Caries of Bones of Head	1	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Spine	6	1	2	...	...	1	...	...	...	3	...	2	...	...	...	...	...	...	...	1	...	.....	...	...	...	...	...	1	...	1	...	...
Casualties	109	90	18	3	4	3	7	4	2	14	4	6	4	10	1	3	4	7	2	10	4	19	6	6	6	16	28	12	12	9	6	5
Cerebro-spinal Meningitis	79	3	1	6	4	...	1	1	2	1	3	3	...	3	...	2	2	2	2	2	6	14	4	2	4	...	2	3	5	4	3	2
Chicken-pox	2	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	...	1	...	...	...	.....	...	...
Child-birth	4	3	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	1	1	...	1	...	1	...	.....	...	1
Cholera Infantum	992	.....	...	57	44	26	41	16	22	27	17	11	30	27	17	20	14	68	11	29	27	92	45	29	30	21	51	34	70	32	41	43
" " Morbus	23	23	1	1	...	1	2	2	1	1	1	...	1	2	2	...	...	3	1	4	...	6	2	5	2	3	2	2	1	.....	1	1
Chorea	2	.....	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Cirrhosis of Kidneys	1	.....	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Liver	20	35	5	2	2	...	4	3	1	...	2	3	1	2	1	1	2	2	1	...	2	3	3	1	3	2	1	...	6	7	2	3
Colic (Bilious)	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	.....	...	...	...	...	...	...	...	.....	...	...
Collapse of Lungs	4	1	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	...	...	.....	...	...
Compression of Brain	5	4	...	1	...	...	...	...	...	...	...	...	...	1	...	1	...	1	...	1	...	.....	...	...	...	...	...	...	1	.....	1	3
Concussion of Brain	7	2	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	2	1	1	...	...	...	...	...	1	.....	1	...
" of Spine	.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Congestion of Bowels	.....	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...	...	...	...	...	...	...	.....	...	...
" of Brain	327	63	4	33	11	7	11	11	7	8	7	5	8	11	8	2	10	25	10	14	26	40	26	5	9	17	13	11	27	10	10	12

TABLE VI—*Continued.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms house.	People of Color.
						Under 1 year.	1	2	5	10	15	20	30	40	50	60	70	80	90	100					
							2	5	10	15	20	30	40	50	60	70	80	90	100	110	120				
Congestion of Liver	14	7	7	2	1	1	.....	1	1	.....	.....	1	4	1	2	.....	2	1	.....	.....	.....	11	3	.....	.....
" of Lungs	192	102	90	61	45	59	25	10	7	1	4	7	14	7	17	16	17	5	3	.....	.....	86	106	2	5
" of Stomach.	4	1	3	1	1	.....	.....	.....	1	1	.....	.....	.....	.....	1	...	1	.....	.....	.....	.....	2	2	.....	.....
Consumption of Bowels	17	8	9	4	.....	2	2	.....	.....	.....	.....	3	2	2	2	1	2	1	.....	.....	.....	13	4	.....	1
" of Lungs	2,359	1185	1174	125	154	23	12	16	17	22	189	722	578	377	219	133	46	4	1	.....	.....	2080	279	119	168
Convulsions	811	438	373	401	351	498	126	103	20	1	4	14	20	15	6	3	1	.....	.....	.....	.....	59	752	2	60
" Puerperal	24	.....	24	.....	2	.....	.....	.....	.....	.....	2	16	5	1	.....	.....	.....	.....	.....	.....	.....	22	2	.....	1
Cramps	15	8	7	8	7	12	.....	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	15	.....	.....
Croup	428	202	226	202	225	37	87	224	78	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	427	1	4
Curvature of Spine	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Cyanosis	97	55	42	55	42	94	2	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	97	4	2
Debauch	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....
Debility	695	366	329	172	114	254	11	10	9	1	1	11	23	21	39	106	159	48	2	.....	.....	409	286	68	35
Degeneration of the Heart	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" " Liver	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Diabetes	20	14	6	2	2	.....	1	.....	1	2	.....	3	3	1	1	5	2	1	.....	.....	.....	16	4	.....	1
Diarrhœa	151	78	73	40	23	46	13	2	1	.....	1	4	9	18	14	18	16	7	2	.....	.....	88	63	14	4
Diphtheria	656	322	334	316	327	43	84	281	203	28	4	6	4	1	.....	2	.....	.....	.....	.....	.....	13	643	.....	13
Disease of Abdominal Viscera	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Bladder	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....
" of Bowels	2	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....
" of Brain	60	33	27	16	9	12	6	6	1	.....	.....	5	7	6	4	7	3	3	.....	.....	.....	35	25	1	.....
" of Chest	2	2	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
" of Heart	561	270	291	34	56	20	1	8	22	17	22	59	79	74	80	82	81	15	1	.....	.....	471	90	20	48
" of Hip	11	6	5	4	4	.....	.....	1	3	1	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	3	8	.....	1
" of Kidneys	13	6	7	1	1	.....	.....	1	.....	.....	1	1	1	4	2	1	2	.....	.....	.....	.....	11	2	.....	.....
" of Liver	38	27	11	4	.....	3	.....	.....	1	.....	.....	2	4	7	7	6	7	1	.....	.....	.....	34	4	.....	.....
" of Lungs	9	5	4	4	1	2	.....	1	.....	1	1	1	2	.....	1	.....	.....	.....	.....	.....	.....	4	5	.....	.....
" of Prostate Gland	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....
" of Rectum	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" of Spine	9	4	5	1	3	1	.....	.....	.....	2	1	1	2	.....	.....	1	1	.....	.....	.....	.....	5	4	.....	.....
" of Spleen	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Stomach	3	1	2	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	2	1	.....	.....

PAGE 208—*Continued.*

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Congestion of Liver	7	5	2	...	1	...	...	...	...	1	2	1	1	...	...	...	1	...	1	1	...	1	2	1	...	...	...	1	...	.....	...	...
" of Lungs	147	43	2	16	11	4	7	3	...	6	4	4	3	3	1	1	4	6	6	6	7	25	11	6	3	7	10	3	15	8	4	8
" of Stomach	3	.....	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	1	...
Consumption of Bowels	10	6	1	1	...	...	2	...	1	...	...	...	...	1	...	...	...	2	1	...	...	3	...	...	...	...	2	...	2	.....	2	...
" of Lungs	1,496	715	148	99	97	72	83	63	39	125	91	44	76	49	38	46	48	114	43	89	79	204	119	27	54	49	96	51	162	166	36	100
Convulsions	788	20	3	33	34	28	29	26	15	35	17	10	17	31	12	17	18	38	29	34	29	109	46	10	25	13	26	24	50	11	22	23
" Puerperal	21	3	...	1	1	2	1	...	2	...	...	1	...	...	...	...	1	1	2	1	...	2	1	...	2	1	1	...	4	.....	...	...
Cramps	15	.....	...	...	...	1	...	1	1	...	...	...	1	1	...	...	...	1	1	4	...	1	2	...	..	...	...	...	1	.....	...	...
Croup	423	4	1	45	19	10	16	4	6	9	3	2	11	7	16	10	8	18	18	16	12	40	19	38	10	13	9	19	18	8	9	15
Curvature of Spine	1	.....	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Cyanosis	97	.....	...	6	4	...	4	1	1	3	1	3	1	2	...	1	2	8	2	1	7	8	5	...	..	3	2	7	10	6	4	5
Debauch	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
Debility	426	200	69	27	28	26	25	19	8	29	14	9	20	12	11	8	10	33	11	26	20	63	29	20	12	12	24	16	59	90	14	20
Degeneration of the Heart	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	...	...	...	...	...	.....	...	...
" " Liver	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	1
Diabetes	16	4	...	1	...	...	1	1	...	...	...	2	1	...	...	2	...	1	1	...	2	1	1	...	1	1	...	...	1	.....	2	1
Diarrhœa	91	45	15	5	5	1	5	5	2	4	3	6	2	1	...	4	2	16	...	3	5	19	6	4	3	6	4	3	9	19	3	6
Diphtheria	644	12	...	31	22	8	16	19	12	15	14	7	14	20	10	20	18	45	30	16	11	43	24	72	20	15	32	26	59	4	14	19
Disease of Abdominal Viscera	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	..	...	...	...	...	...	...	.....	...	..
" of Bladder	.....	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" of Bowels	2	.....	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	1	...	...	...	.....	...	...
" of Brain	49	10	1	1	2	1	...	...	4	1	1	1	4	...	2	...	1	5	1	1	...	7	3	...	1	2	10	...	4	3	...	5
" of Chest	2	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	.....	...	...
" of Heart	365	159	37	23	18	11	15	24	7	22	21	14	20	14	11	18	19	31	13	9	18	37	30	11	14	16	23	14	32	49	13	14
" of Hip	9	2	...	...	...	...	1	1	1	...	1	...	...	1	...	...	1	...	...	...	...	1	...	...	...	...	...	...	3	.....	...	1
" of Kidneys	10	3	..	...	1	...	...	1	...	1	...	...	1	1	2	...	2	...	...	...	...	1	...	1	...	...	1	...	...	.....	...	1
" of Liver	17	19	2	...	...	3	1	...	1	2	1	...	2	...	2	...	3	2	...	1	1	3	3	2	3	2	...	...	2	.....	1	3
" of Lungs	6	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	...	...	...	2	...	...	...	1	1	...	...	.....	...	1
" of Prostate Gland	.....	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Rectum	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...
" of Spine	4	4	1	1	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	1	...	1
" of Spleen	.....	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Stomach	2	1	...	...	...	...	...	...	1	...	..	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	1	...	...	...	.....	...	...

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120	Adults.	Minors.	Alms-house.	People of Color.
Disease of Throat	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Dropsy	155	65	90	26	20	4	2	21	12	4	3	3	13	20	19	22	22	9	1	.....	.....	109	46	.....	9
" of the Brain	147	93	54	90	53	76	42	15	7	3	.....	1	2	.....	1	.....	.....	.....	.....	.....	.....	4	143	.....	4
" " Chest	60	32	28	10	12	2	1	5	8	5	1	3	6	8	3	9	6	3	.....	.....	.....	38	22	2	.....
" " Glottis	6	2	4	1	2	.....	.....	1	2	.....	.....	.....	1	.....	1	.....	.....	1	.....	.....	.....	3	3	.....	.....
" " Ovaries	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Pericardium	47	23	24	7	7	.....	.....	5	6	.....	3	2	3	7	7	4	9	1	.....	.....	.....	33	14	1	2
" Abdominal	42	16	26	2	.....	.....	.....	2	.....	.....	.....	.....	2	8	12	7	8	2	1	.....	.....	40	2	2	3
" Hepatic	5	1	4	.....	1	.....	1	.....	.....	.....	.....	1	.....	2	.....	1	.....	.....	.....	.....	.....	4	1	.....	.....
" Renal	3	1	2	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	2	1	.....	.....
Drowned	119	113	6	34	3	1	3	1	16	10	6	20	20	19	9	12	1	1	.....	.....	.....	82	37	.....	3
Dysentery	76	37	39	17	21	18	11	7	.....	.....	2	4	7	4	7	7	8	1	.....	.....	.....	38	38	4	5
Dyspepsia	9	3	6	2	1	3	.....	.....	.....	.....	.....	1	.....	1	1	3	.....	.....	.....	.....	.....	6	3	.....	.....
Eczema	3	1	2	1	2	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....
Effusion on Brain	62	35	27	27	20	17	16	11	1	1	1	1	2	.....	4	3	5	.....	.....	.....	.....	15	47	1	2
" on Lungs	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Elephantiasis	1	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Embolism of Femoral Artery	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
" of Heart	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" Cerebral	9	5	4	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	2	1	3	1	.....	.....	.....	8	1	.....	.....
Emphysema of Lungs	12	7	5	3	2	2	.....	1	.....	1	1	.....	1	.....	3	2	1	.....	.....	.....	.....	7	5	.....	2
Empyema	8	5	3	1	1	1	.....	1	.....	.....	.....	2	4	.....	.....	.....	.....	.....	.....	.....	.....	6	2	1	.....
Enchondroma of Shoulder	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Enlargement of Lymphatic Glands	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Heart	13	5	8	1	1	.....	.....	1	.....	1	.....	2	1	3	3	1	1	.....	.....	.....	.....	11	2	.....	1
" of Kidneys	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Liver	6	2	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	1	1	.....	.....	.....	.....	6	.....	.....	.....
" of Prostate Gland	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
" of Spleen	3	1	2	.....	1	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	.....	2	1	.....	1
Epilepsy	31	15	16	5	4	1	.....	1	1	3	3	3	4	6	4	2	2	1	.....	.....	.....	22	9	5	2
Erysipelas	87	47	40	18	13	25	3	1	2	.....	.....	8	5	7	11	14	6	4	1	.....	.....	56	31	7	4
Exanthema	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Exposure	11	6	5	1	3	4	.....	.....	.....	.....	.....	1	2	1	.....	3	.....	.....	.....	.....	.....	7	4	.....	1

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Disease of Throat	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Dropsy	104	47	4	9	8	3	10	1	...	5	3	3	2	4	1	3	5	9	2	6	6	14	7	4	...	6	6	15	2	6	2
" of the Brain	145	2	...	6	5	2	4	2	4	3	3	...	4	...	3	...	3	7	2	7	11	27	2	10	1	6	6	3	5	5	2	4
" " Chest	44	14	2	3	2	...	...	3	4	...	2	...	4	2	...	4	2	3	3	4	2	3	2	...	3	3	2	2	2	2	1	2
" " Glottis	5	1	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...	...	...	...	...	...	...	.....	...	...
" " Ovaries	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	1	...	.....	...	...
" " Pericardium	37	8	2	3	2	...	...	2	...	1	1	...	5	...	...	2	1	1	1	1	...	6	3	2	2	1	1	1	5	1	...	2
" Abdominal	21	17	4	1	...	1	2	1	...	1	1	...	1	1	1	3	...	4	1	4	2	7	1	...	1	...	1	1	2	2	2	1
" Hepatic	3	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	.....	1	...	...	...	...	...	...	.....	1	...
" Renal	3	.....	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	2	.....	...	...
Drowned	60	29	30	10	5	1	8	4	13	1	3	5	2	14	3	2	...	9	4	2	7	5	3	2	1	2	1	6	5	.....	...	...
Dysentery	44	28	4	1	3	1	2	1	...	4	2	1	1	1	..	1	1	5	2	4	3	6	1	3	1	2	5	2	8	7	2	6
Dyspepsia	6	3	...	...	1	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	2	...	1	...	...	2	...	...
Eczema	3	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	1	...	...	1	...	1
Effusion on Brain	54	6	2	4	1	2	2	2	1	2	3	1	4	...	1	5	6	2	1	4	1	2	5	1	2	...	1	...	4	2	1	2
" on Lungs	.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Elephantiasis	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Embolism of Femoral Artery	2	.....	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" of Heart	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Cerebral	5	4	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
Emphysema of Lungs	8	4	...	...	1	1	...	1	1	1	1	..	...	...	...	...	2	...	1	...	...	1	...	1	...	1	...	...	1	.....	1	...
Empyema	6	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...	...	1	.....	...	1
Enchondroma of Shoulder	.....	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	2	1	...	...	...	2	...	...	...	...	...	...	...	2	...	1
Enlargement of Lym'e Glands	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Heart	10	3	...	1	...	...	1	...	...	2	1	1	1	1	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	.....	...	...
" of Kidneys	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Liver	5	1	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	1	.....	...	...	...	1	...	1	...	.....	...	1
" of Prost'e Gland	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Spleen	2	1	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...
Epilepsy	20	7	4	...	...	1	1	..	1	3	...	...	...	...	...	...	...	2	...	1	1	3	5	1	...	1	4	...	1	6	...	...
Erysipelas	62	18	7	3	4	1	4	1	1	5	2	2	4	...	...	...	1	7	3	2	5	10	...	...	2	3	4	5	2	13	...	3
Exanthema	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	...	.....	...	...
Exposure	6	3	2	...	1	1	1	...	...	1	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	1	...	1	1	...	...

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Extra-Uterine Pregnancy	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Extravasation of Urine	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Fatty degeneration of Heart	29	15	14	1	.....	.....	.....	.....	.....	1	.....	3	4	6	9	5	1	.....	.....	.....	28	1	1	1
" " Kidneys	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" " Liver	6	4	2	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	2	2	.....	.....	.....	.....	5	1	.....	1
Feeble Heart	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Fever, Hectic	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Intermittent	5	3	2	1	.....	.....	.....	1	.....	.....	.....	.....	1	2	.....	.....	1	.....	.....	.....	4	1	1	.....
" Puerperal	80	.....	80	.....	5	.....	.....	.....	.....	.....	5	42	23	10	.....	.....	.....	.....	.....	.....	75	5	7	7
" Remittent	43	19	24	8	8	2	1	8	2	2	1	5	6	4	5	.....	4	3	.....	.....	27	16	2	.....
" Scarlet	1,012	499	533	492	527	68	176	486	240	40	9	11	2	.....	.....	.....	.....	.....	.....	.....	13	1019	.....	10
" Typhoid	419	209	210	70	75	7	2	20	38	20	58	120	51	33	35	20	10	5	.....	.....	274	145	9	14
" Typhus	21	9	12	3	2	.....	.....	.....	1	1	3	6	5	1	4	.....	.....	.....	.....	.....	16	5	.....	1
" Urethral	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Fistula	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Fracture of Arm	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	.....	.....	.....
" of Femur	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	3	.....	.....	.....
" of Ischium	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Ribs	3	2	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	1	.....	.....	.....	.....	2	1	.....	.....
" of Skull	12	8	4	.....	3	1	2	.....	.....	.....	.....	3	3	1	1	1	.....	.....	.....	.....	9	3	.....	.....
" of Spine	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	2	.....	1	.....
" of Thigh	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	3	.....	.....	.....
" of Toe	1	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Gangrene	25	10	15	2	6	1	.....	3	1	3	.....	1	.....	2	3	3	5	2	1	.....	17	8	.....	.....
" of Arm	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Face	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Foot	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	1	1	.....	.....	6	.....	.....	1
" of Kidneys	1	.....	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Leg	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Lungs	11	8	3	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	1	2	3	.....	.....	.....	11	.....	1	1
" of Throat	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....
" of Uterus	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Senile	4	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	1	.....	.....	4	.....	.....	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Extra-Uterine Pregnancy	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	..	...	...	...	...	.....	...	...
Extravasation of Urine	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	.....	...	...	...	...	...	...	...	.....	...	...
Fatty Degeneration of Heart	13	14	2	...	2	1	...	...	...	4	1	...	1	...	2	...	1	...	...	...	...	4	1	1	2	...	3	1	1	4	...	...
" " Kidneys	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	..	...	...	.	...	1	.....	...	...
" " Liver	2	4	...	...	..	...	...	1	...	...	...	...	...	...	...	1	1	1	...	...	...	1	...	...	...	...	1	...	...	.....	...	...
Feeble Heart	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	..	...	...	...	...	.....	...	...
Fever, Hectic	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	..	...	...	...	...	.....	...	...
" Intermittent	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	...	1	...	...	...	...	1	...	...
" Puerperal	39	33	8	2	3	1	3	4	...	4	3	2	2	1	2	...	2	4	..	2	...	7	3	1	2	1	2	4	9	9	3	4
" Remittent	29	10	4	2	...	2	2	1	1	2	...	...	2	...	...	...	2	1	1	5	4	4	1	...	1	2	2	3	2	2	1	...
" Scarlet	1,015	17	...	83	56	30	43	13	12	17	7	5	13	18	23	27	19	36	31	42	51	114	69	20	55	41	27	23	85	16	25	31
" Typhoid	289	116	14	18	15	11	13	8	8	11	7	4	7	5	8	10	9	8	7	11	28	74	32	4	13	23	15	6	21	15	13	15
" Typhus	12	9	...	1	...	...	...	...	1	...	...	...	...	...	1	...	...	2	1	...	1	8	3	...	1	...	1	...	...	1	...	...
" Urethral	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	...	...	...
Fistula	1	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
Fracture of Arm	.....	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" of Femur	2	1	...	...	..	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" of Ischium	1	.....	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Ribs	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	1	1	...	...	.....	...	...
" of Skull	4	7	1	...	1	1	...	1	...	1	...	3	...	...	1	1	1	...	1	...	...	.....	...	1	...	...	...	...	...	.....	...	..
" of Spine	1	.....	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	...	...	...
" of Thigh	2	1	...	...	...	...	...	...	...	...	...	1	...	...	..	...	...	...	...	...	...	.....	...	...	1	...	...	...	1	.....	...	...
" of Toe	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
Gangrene	15	9	1	...	1	...	...	...	...	1	...	...	...	...	...	1	2	2	...	...	..	4	...	1	...	1	2	1	3	1	3	2
" of Arm	1	.....	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	...	...
" of Face	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	1	...
" of Foot	4	2	...	...	1	...	...	1	...	1	...	2	...	...	...	1	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Kidneys	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Leg	1	....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" of Lungs	5	5	1	...	1	...	1	...	...	1	...	...	1	...	...	...	...	1	...	1	1	.....	...	...	1	...	1	...	...	1	...	1
" of Throat	.....	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...
" of Uterus	.....	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Senile	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	...	...	...	2	..	...	...	.....	...	1

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-house.	People of Color.
Gout	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
" Rheumatic	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Hanging	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Heart-clot	11	5	6	2	.....	.....	.....	.....	1	1	.....	2	3	.....	2	1	1	.....	.....	.....	.....	9	2	2	.....
Hemorrhage	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	1
" of the Bladder	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" " Bowels	26	15	11	4	6	5	.....	.....	.....	2	3	4	1	2	4	.....	3	2	.....	.....	.....	16	10	.....	1
" " Brain	10	3	7	.....	1	.....	.....	1	.....	.....	.....	1	1	1	2	1	3	.....	.....	.....	.....	9	1	3	1
" " Kidneys	3	2	1	.....	1	2	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2	1	.....	.....
" " Lungs	56	33	23	.....	3	2	.....	.....	.....	1	.....	12	15	9	7	6	3	1	.....	.....	.....	53	3	.....	9
" " Nose	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" " Stomach	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	1	2	.....	.....	.....	.....	.....	8	.....	.....	.....
" " Uterus	23	.....	23	.....	.....	.....	.....	.....	.....	.....	.....	11	9	1	1	.....	1	.....	.....	.....	.....	23	.....	.....	1
" Internal	4	3	1	.....	1	1	.....	.....	.....	.....	.....	.....	1	1	1	.....	.....	.....	.....	.....	.....	3	1	1	.....
" Secondary	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Umbilical	6	1	5	1	5	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6	.....	.....
Hernia	10	4	6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	3	2	.....	.....	.....	10	.....	.....	.....
" Strangulated	8	3	5	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	1	.....	2	.....	.....	.....	.....	8	.....	.....	.....
Hooping Cough	125	51	74	51	74	81	28	13	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125	.....	7
Hydrophobia	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Hypertrophy of Heart	26	8	18	3	3	1	.....	1	1	3	.....	5	1	4	2	6	2	.....	.....	.....	.....	20	6	.....	1
" of Liver	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	3	.....	.....	.....
Hysteria	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1
Inanition	364	185	179	157	128	264	10	5	2	.....	4	9	13	13	14	14	11	5	.....	.....	.....	79	285	38	38
Indigestion	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Inflammation of Bladder	30	25	5	.....	.....	1	.....	.....	.....	.....	1	.....	1	1	1	10	15	1	.....	.....	.....	29	1	.....	1
" of Brain	456	260	196	219	174	146	109	94	28	9	7	11	17	11	13	6	2	1	1	.....	.....	63	393	8	23
" of Bronchi	342	169	173	132	132	161	58	32	8	1	4	3	19	7	9	13	18	9	.....	.....	.....	78	264	5	38
" of Colon	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....
" of Diaphragm	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" of Ear	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Foot	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Heart	11	3	8	1	1	.....	.....	.....	1	1	.....	2	1	3	1	1	1	.....	.....	.....	.....	9	2	.....	.....

CAUSES OF DEATH.	NATIVITY. U. States.	Foreign.	Unknown.	WARDS. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Gout		2	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Rheumatic	2	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Hanging	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Heart-clot	5	4	2	1	...	...	...	...	1	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	5	...	1
Hemorrhage	2	...	...	...	...	...	...	...	...	...	...	...	...	.	1	...	..	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
" of the Bladder	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.
" " Bowels	19	7	...	1	1	...	1	1	...	1	...	2	1	...	...	...	...	1	...	1	...	2	3	...	3	3	1	...	2	1	1	..
" " Brain	3	3	4	...	...	...	...	...	...	...	2	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	5	...	1
" " Kidneys	1	2	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
" " Lungs	33	23	...	...	4	2	2	9	2	4	...	3	1	2	1	...	1	2	...	...	2	2	4	3	4	1	2	1	1	2	...	1
" " Nose	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
" " Stomach	4	4	...	1	1	...	1	...	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	1	...	...	...	...
" " Uterus	13	10	...	1	1	1	1	...	...	1	1	...	...	...	...	...	2	1	1	...	3	1	3	1	1	...	...	4	...	...	...	...
" Internal	1	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	...
" Secondary	1	...	...	...	...	...	...	..	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" Umbilical	6	...	...	...	...	2	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1
Hernia	5	5	...	...	...	2	1	...	...	1	...	...	...	...	1	...	...	2	...	...	1	...	...	...	...	...	...	1	...	...	...	1
" Strangulated	2	6	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	...	...	1	2	...	...	...	2	...
Hooping Cough	125	...	...	8	4	1	9	1	...	5	2	1	1	3	1	2	2	6	3	6	6	12	4	2	3	5	17	3	2	4	9	3
Hydrophobia	2	...	...	...	...	...	...	...	...	1	...	...	...	..	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
Hypertrophy of Heart	16	9	1	1	...	...	2	...	...	2	...	1	...	1	...	1	...	...	2	1	...	3	2	...	...	1	...	1	2	2	...	4
" of Liver	1	2	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...
Hysteria	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Inanition	319	26	19	18	20	13	12	11	1	21	5	4	9	3	2	6	4	23	9	10	10	46	14	...	3	3	14	24	23	49	3	4
Indigestion	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...
Inflammation of Bladder	15	13	2	2	1	...	2	...	1	...	1	...	...	2	2	2	...	3	...	1	1	1	1	1	...	3	3	1	1	...	1	...
" of Brain	429	21	6	26	21	13	10	9	8	29	8	7	14	16	7	10	10	28	17	14	24	40	17	9	21	9	16	15	21	15	5	17
" of Bronchi	293	47	2	14	21	7	22	10	1	20	12	5	6	3	5	6	6	24	9	14	10	27	13	9	4	7	19	8	28	10	9	13
" of Colon	1	1	...	...	...	...	..	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
" of Diaphragm	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Ear	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Foot	1	...	...	...	...	...	...	...	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Heart	9	2	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	2	...	...	...	1	1	...	...	...	...	1	1	...	2	

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults	Minors.	Alms-house.	People of Color.
Inflammation of Kidneys	47	28	19	15	7	1	1	11	7	2	.....	3	3	2	6	6	5	.....	.....	.....	.....	25	22	2	1
" Larynx	46	22	24	16	23	10	9	15	5	.....	.....	.....	2	2	2	1	.....	.....	.....	.....	.....	7	39	.....	.....
" Liver	52	24	28	4	1	2	.....	2	.....	.....	1	1	6	7	13	12	7	1	.....	.....	.....	47	5	.....	3
" Lungs	1,085	577	508	236	211	167	114	100	28	12	26	77	104	96	106	119	99	36	.....	1	.....	638	447	39	73
" Ovaries	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Parotid Gl'nd	1	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Pericardium	40	15	25	7	14	1	.....	2	4	9	5	5	7	2	1	3	1	.....	.....	.....	.....	19	21	2	5
" Peritoneum	159	62	97	24	14	7	2	1	6	9	13	44	30	12	14	11	8	2	.....	.....	.....	121	38	5	9
" Pleura	24	13	11	3	3	2	1	2	1	.....	....	2	3	2	4	4	2	1	.....	.....	.....	18	6	4	2
" Pros'te Gln'd	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" Spine	15	10	5	3	2	1	1	1	2	...	.....	1	.....	4	2	.....	2	1	.....	.....	.....	10	5	.....	.....
" Spinal Cord	2	.....	2	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
" Sto'h & Bo'ls	399	203	196	135	105	131	48	27	13	11	10	20	23	24	27	32	22	10	1	.....	.....	159	240	16	18
" Throat	2	1	1	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
" Tonsils	11	6	5	6	5	.....	2	8	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11	.....	2
" Trachea	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" Uterus	18	.....	18	.....	1	.....	.....	.....	.....	.....	1	6	8	3	.....	.....	.....	.....	.....	.....	.....	17	1	.....	3
" Veins	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....
" Vulva	1	....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Influenza	5	2	3	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	3	2	.....	.....
Insanity	8	3	5	.....	.....	.....	.....	.....	.....	.....	.....	2	1	2	1	1	1	.....	.....	.....	.....	8	.....	1	.....
Intemperance	31	20	11	.....	.....	.....	.....	.....	.....	.....	.....	4	10	11	1	2	2	.....	1	.....	.....	31	.....	2	.....
Intussusception	18	10	8	5	3	4	1	1	.....	.....	2	.....	1	2	5	.....	2	.....	.....	.....	.....	10	8	.....	.....
Jaundice	33	15	18	9	8	16	1	.....	.....	.....	.....	2	1	2	3	5	2	.....	1	.....	.....	16	17	1	1
Laryngismus Stridulus	3	.....	3	.....	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....
Leucocythemia	7	4	3	3	.....	1	.....	1	.....	....	1	.....	1	....	1	1	1	.....	.....	.....	.....	4	3	.....	.....
Locomotor Ataxy	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	.....	3	.....	.....	.....
Lupus	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
Lymphadenoma	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Malformation	14	3	11	3	11	13	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	14	.....	1
" of Bowels	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Heart	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Mania-a-Potu	17	14	3	.....	.....	.....	....	.....	.....	.....	.....	3	9	1	1	2	1	.....	.....	.....	.....	17	...	3	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Inflammation of Kidneys	32	12	3	1	3	2	3	...	...	4	2	1	6	...	...	...	1	4	...	2	4	2	...	...	2	3	...	2	2	...	3
" Larynx	43	3	...	1	1	...	2	2	...	1	...	1	1	3	1	3	1	4	3	1	3	9	4	1	...	...	1	2	...	.....	...	1
" Liver	27	24	1	...	1	1	1	2	...	1	3	..	4	2	1	...	1	2	2	1	5	6	2	...	...	2	4	3	6	.....	1	1
" Lungs	746	299	40	60	39	27	48	37	11	58	32	19	35	24	14	26	18	48	21	23	39	120	67	18	28	19	40	38	54	71	21	30
" Ovaries	1	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	...	...	...
" Parotid Gl'nd	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	1	.....	...	...	...
" Pericardium	33	5	2	1	...	1	1	3	1	4	4	...	5	...	1	1	...	...	...	..	2	2	2	4	...	2	1	1	...	3	...	1
" Peritoneum	111	41	7	4	2	5	5	3	1	7	4	5	5	5	2	3	7	12	2	5	12	16	5	1	4	3	5	7	6	10	6	7
" Pleura	16	5	3	...	2	...	...	1	...	2	1	2	...	...	1	...	1	1	...	1	3	1	...	...	1	1	...	...	...	4	1	1
" Pros'te Gl'nd	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	1	...	...	...	...	.....	...	...	...
" Spine	14	1	...	...	1	...	...	...	...	...	...	1	1	...	...	1	1	...	...	...	1	1	...	1	1	2	...	...	1	2	...	...
" Spinal Cord	2	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	1	...	...	...	.....	...	...	...
" Sto'h & Bo'ls	316	80	3	14	8	17	14	4	4	15	14	7	13	13	8	2	10	17	7	15	27	41	18	8	20	6	13	21	21	28	8	6
" Throat	2	.....	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	.....	...	...	..
" Tonsils	9	2	...	1	1	...	...	...	...	2	...	...	...	...	1	...	...	1	...	...	...	1	...	...	2	...	...	...	2	.....	...	...
" Trachea	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" Uterus	13	5	...	1	1	...	...	1	1	3	...	...	...	...	1	...	1	1	...	...	1	2	...	...	...	1	...	1	2	.....	...	1
" Veins	1	1	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
" Vulva	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	...	...	...	...	.....	.....	...	...
Influenza	5	.....	...	...	...	1	...	...	...	...	3	...	1	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
Insanity	3	4	1	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	...	...	1	.....	...	...	...	1	...	1	1	1	...	...
Intemperance	12	12	7	2	3	...	2	1	1	1	...	..	...	7	..	1	1	1	...	...	...	2	...	...	...	3	..	...	1	4	...	1
Intussusception	10	8	...	1	2	2	1	...	...	1	...	...	...	...	...	...	...	...	...	2	...	4	1	...	...	1	...	1	...	.....	1	1
Jaundice	26	5	2	3	1	1	2	1	...	1	1	...	...	1	...	...	...	4	1	2	...	5	1	1	...	...	1	...	...	4	2	...
Laryngismus Stridulus	3	.....	...	2	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	1	...	.....	...	...	...	...	...	...	.....	..	...	...
Leucocythemia	5	2	...	1	1	...	...	...	...	...	...	...	1	...	1	...	...	1	...	...	1	.....	...	...	...	...	...	...	...	1	...	...
Locomotor Ataxy	2	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	...	...	1	...	...	.....	...	...
Lupus	1	.....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
Lymphadenoma	1	.....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
Malformation	14	.....	...	...	1	...	...	...	...	1	...	1	...	...	1	...	...	2	...	1	1	2	...	...	...	1	...	...	1	.....	...	2
" of Bowels	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
" of Heart	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	.....	...	...
Mania-a-Potu	8	6	3	..	2	...	1	...	...	1	1	1	...	...	...	...	...	...	1	...	...	2	...	...	...	...	...	2	1	4	...	1

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110				
Marasmus	730	410	320	393	302	510	116	56	5	4	4	4	3	2	4	5	8	9	.....	.....	.....	35	695	26	50
Measles	12	8	4	8	4	4	.....	5	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	.....	.....
Melæna	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Monomania	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Murder	27	18	9	2	4	4	.....	1	.....	.....	1	9	2	7	2	1	.....	.....	.....	.....	.....	21	6	.....	.....
Necrosis	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Bones of Foot	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Neglect and Exposure	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Neuralgia	3	.....	3	.....	1	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	2	1	.....	1
" of the Brain	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of the Heart	24	13	11	.....	1	.....	1	.....	.....	.....	.....	4	3	3	5	.....	6	1	1	.....	.....	23	1	.....	1
Obstruction of Bowels	25	13	12	4	7	8	.....	2	.....	.....	1	1	2	1	4	1	5	.....	.....	.....	.....	14	11	.....	1
" of Duodenum	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Occlusion of Gall Duct	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Old Age	492	185	307	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	4	153	250	75	8	1	492	.....	20	27
Ossification of Abdominal Aorta	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" of Heart	3	1	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2	1	.....	.....
Paralysis	287	123	164	13	9	4	.....	6	8	1	3	7	27	19	45	57	71	32	7	.....	.....	265	22	9	11
Pelvic Cellulitis	3	1	2	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2	1	.....	.....
Perforation of Intestines	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Poisoning	23	14	9	5	2	2	.....	2	.....	.....	3	2	3	5	3	2	.....	1	.....	.....	.....	16	7	.....	.....
" Carbolic Acid	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Corrosive Sublimate	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Laudanum	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Purpura	4	4	.....	1	.....	.....	.....	1	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	.....	3	1	1	.....
" Hemorrhagica	23	11	12	9	7	9	.....	3	3	.....	1	3	1	1	2	.....	.....	.....	.....	.....	.....	7	16	.....	.....
Pyemia	55	24	31	7	6	1	1	4	1	1	5	13	12	6	4	3	4	.....	.....	.....	.....	42	13	2	6
Retention of Urine	3	3	.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	2	.....	1
Rheumatism	40	23	17	5	1	.....	1	1	.....	3	1	8	2	11	1	6	6	.....	.....	.....	.....	34	6	.....	3
" of the Brain	1	.....	1	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1
" of the Heart	10	6	4	1	1	.....	.....	.....	.....	2	.....	.....	3	.....	2	2	1	.....	.....	.....	.....	8	2	.....	.....
" of the Joints	2	2	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....
Rupture of Blood vessel	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Marasmus	702	23	5	50	28	17	24	20	14	24	9	13	10	11	17	6	17	45	18	22	36	90	29	7	17	18	26	31	48	50	7	26
Measles	12	.....	...	...	...	1	1	2	...	...	...	1	...	...	...	...	1	1	...	...	1	.....	...	1	...	...	1	2	...	.....	...	...
Melæna	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Monomania	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...
Murder	14	8	5	...	2	...	1	1	...	1	...	1	2	1	...	...	1	3	1	...	...	2	2	1	1	...	2	3	1	1	...	...
Necrosis	.....	1	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	...	...	...	...	...	...	.....	...	...
" of Bones of Foot	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
Neglect and Exposure	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
Neuralgia	3	.....	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	.....	...	...	...	...	...	...	...	.....	...	...
" of Brain	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" of Heart	12	12	...	...	...	1	1	2	1	2	1	...	...	1	1	...	...	1	...	...	1	2	1	...	2	1	...	5	1	.....	...	...
Obstruction of Bowels	20	5	...	3	...	...	2	1	1	1	2	...	1	1	...	...	...	2	...	...	1	.....	3	...	...	...	2	2	2	1	...	...
" of Duodenum	.....	.....	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	..	...	...	...	...	...	...	.....	...	...
Occlusion of Gall Duct	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	.....	...	...
Old Age	234	224	34	15	13	14	15	11	5	28	23	11	15	6	5	9	9	34	11	5	23	35	26	6	18	20	19	12	29	37	13	25
Ossification of Abdom'l Aorta	1	.....	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of Heart	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	1	1	...	...	...	...	...	.....	...	...
Paralysis	181	92	14	19	15	8	7	4	3	7	4	7	16	5	7	9	9	24	7	6	12	15	18	5	10	10	9	6	15	18	3	9
Pelvic Cellulitis	2	1	...	...	1	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	1	...
Perforation of Intestines	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
Poisoning	9	3	1	2	1	2	1	...	...	...	1	...	...	...	1	3	...	2	2	...	...	.....	1	...	1	...	3	1	2	.....	...	...
" Carbolic Acid	1	.....	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Corrosive Sublimate	1	.....	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Laudanum	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	... ..	...	...	1	...	...	...	...	.....	...	1
Purpura	2	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	1
" Hemorrhagica	20	3	...	2	1	2	...	1	...	1	...	...	...	...	1	...	4	...	...	...	...	3	1	...	1	...	...	1	1	1	1	2
Pyemia	40	14	1	3	1	...	1	2	1	4	2	1	1	1	2	...	...	1	...	...	3	7	3	1	2	1	5	5	2	2	2	2
Retention of Urine	3	.....	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	1	.....	...	...
Rheumatism	17	23	...	2	...	2	4	3	...	1	...	...	2	1	2	1	1	4	...	1	2	3	1	2	...	1	2	...	4	.....	...	1
" of the Brain	1	.....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" of the Heart	6	4	...	1	...	...	1	...	...	1	...	...	...	...	1	...	2	1	...	...	...	.....	2	...	...	...	1	...	...	.....	...	...
" of the Joints	2	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	1
Rupture of Blood Vessel	1	.....	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	Adults.	Minors.	Alms-house.	People of Color.
							2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120				
Rupture of Bowels	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Duodenum	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Gall-bladder	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Heart	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1
" of Intra Jugu'r Vein	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Liver	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Uterus	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	2	.....	.....	.....
Sarcoma	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Sclerosis of Brain	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Spinal Cord	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
Scrofula	28	14	14	11	11	9	2	2	2	2	5	3	2	1	.....	.....	.....	.....	.....	.....	6	22	.....	3
Scurvy	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	1	.....
Septicæmia	13	6	7	1	1	.....	1	1	.....	.....	.....	5	2	.....	1	1	2	.....	.....	.....	11	2	1	2
Shock	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....	1	4	1	.....	2	.....	.....	.....	.....	8	.....	.....	2
Small pox	54	29	25	19	20	8	4	14	7	1	5	10	3	1	1	.....	.....	.....	.....	.....	15	39	.....	4
Softening of the Brain	98	62	36	1	.....	1	.....	.....	.....	.....	.....	3	12	13	19	23	20	7	.....	.....	97	1	5	.....
" Spine	2	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....
" Stomach	3	1	2	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	2	1	.....	.....
Sore Mouth	15	5	10	5	9	10	2	1	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	14	1	.....
" Throat	5	2	3	2	3	.....	1	2	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	1
Spasm of the Glottis	5	4	1	4	1	2	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	1
Spina Bifida	7	3	4	3	4	7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7	.....	.....
Strangulation	7	5	2	.....	1	1	.....	.....	.....	.....	.....	.....	2	1	2	.....	1	.....	.....	.....	6	1	.....	.....
Stricture of Bowels	2	1	1	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
" of Cardiac Orifice of St'h	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" Œsophagus	4	3	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	1	.....	.....	.....	4	.....	.....	.....
" Rectum	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
Suffocation	21	12	9	6	9	15	.....	.....	.....	.....	.....	2	.....	1	1	1	.....	1	.....	.....	6	15	.....	2
Suicide	11	10	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	4	4	1	.....	.....	.....	.....	11	.....	.....	.....
" Arsenic	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Corrosive Sublimate	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" Cutting Throat	9	7	2	.....	.....	.....	.....	.....	.....	.....	.....	1	2	2	2	1	1	.....	.....	.....	9	.....	.....	.....
" Drowning	6	5	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	1	1	1	.....	.....	.....	6	.....	.....	.....

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rupture of Bowels	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
" of Duodenum	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
" of Gall-bladder	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
" of Heart	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Intra Jugu'r Vein	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Liver	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
" of Uterus	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...	...
Sarcoma	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Sclerosis of Brain	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
" of Spinal Cord	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scrofula	27	1	...	3	3	2	...	1	1	1	...	...	...	1	...	...	...	2	...	2	2	3	1	...	2	1	...	...	1	1	1	...
Scurvy	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
Septicæmia	9	3	1	1	...	...	...	2	...	...	...	...	...	1	...	...	1	3	...	1	1	...	...	...	...	...	1	...	...	1	...	1
Shock	4	4	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	...	...	1	1	...	...
Small-pox	47	7	...	3	15	...	1	...	1	...	...	...	3	4	...	...	3	1	1	1	...	1	...	...	...	...	2	4	...	13	1
Softening of the Brain	60	31	7	2	9	5	2	4	2	4	5	2	3	1	2	4	8	1	2	3	2	2	2	...	5	1	2	2	8	8	3	4
" Spine	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...
" Stomach	2	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
Sore Mouth	14	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	1	1	1	1	...	1	1	4	...	1	1	...
" Throat	5	...	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...
Spasm of the Glottis	5	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	1	...	...
Spina Bifida	7	...	...	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	1	1	...	...
Strangulation	2	5	...	1	...	...	...	1	...	...	...	...	...	...	...	1	...	2	...	1	...	...	...	...	...	...	...	1	...	...	...	...
Stricture of Bowels	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	...	...	...
" of Card'c Ori'e Stom.	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
" of Œsophagus	1	3	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
" of Rectum	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Suffocation	17	3	1	3	...	1	...	3	...	1	1	2	...	1	...	...	2	1	...	...	...	...	2	...	...	...	1	...	2	...	1	...
Suicide	5	5	1	...	1	1	...	1	...	...	...	1	...	...	...	...	...	1	...	...	...	1	2	...	...	...	...	1	...	...	1	1
" Arsenic	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
" Corrosive Sublimate	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
" Cutting Throat	3	6	...	...	...	1	...	...	...	...	...	...	...	...	...	...	2	1	...	1	1	...	...	...	...	...	1	...	1	1	...	...
" Drowning	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	1	3	...	...	...	...	...	...	...	...	...

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES. Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120	Adults.	Minors.	Alms-hous.	People of Color.
Suicide, Hanging	16	12	4	1	.....	.....	.....	.....	.....	.....	1	1	4	4	3	3	.....	.....	.....	.....	.....	15	1	.....	.....
" Laudanum	5	4	1	.....	1	.....	.....	.....	.....	.....	1	2	.....	1	.....	1	.....	.....	.....	.....	.....	4	1	.....	.....
" Poison	7	6	1	.....	1	.....	.....	.....	.....	.....	1	2	1	3	.....	.....	.....	.....	.....	.....	.....	6	1	.....	.....
" Prussic Acid	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Gun-shot Wounds	10	9	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	3	1	3	1	.....	.....	.....	.....	10	.....	.....	.....
" Slaked Lime	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Sun stroke	20	16	4	.....	1	.....	.....	1	.....	.....	.....	5	8	2	1	2	1	.....	.....	.....	.....	19	1	.....	1
Suppression of Urine	3	1	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	3	.....	.....	.....
Syncope	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
Syphilis	22	10	12	6	9	13	1	1	.....	.....	.....	1	3	3	.....	.....	.....	.....	.....	.....	.....	7	15	7	7
Tabes Mesenterica	19	11	8	9	8	7	6	2	1	1	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	2	17	.....	2
Teething	36	22	14	22	14	22	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	36	.....	3
Tetanus	29	23	6	15	3	6	.....	2	3	2	5	4	4	2	1	.....	.....	.....	.....	.....	.....	11	18	3	.....
" Traumatic	1	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Trismus Nascentium	19	5	14	5	14	19	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	19	3	.....
Tumor	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	1
" of Bladder	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" of Bowels	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....
" of Brain	9	1	8	.....	.....	.....	.....	.....	1	.....	.....	3	2	.....	3	.....	.....	.....	.....	.....	.....	8	1	.....	.....
" of Ear	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Larynx	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Liver	2	1	1	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	1	.....	.....
" of Mesentery	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....
" of Neck	2	1	1	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	1	.....	.....
" of Nose	1	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Optic Thalamus	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.....
" of Spleen	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Stomach	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Spine	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Uterus	3	.....	3	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	.....
" of Vagina	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" Abdominal	6	2	4	.....	.....	.....	.....	.....	.....	.....	.....	1	1	1	.....	2	.....	1	.....	.....	.....	6	.....	.....	.....
" Fibrous	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1

CAUSES OF DEATH.	NATIVITY.			WARDS.																										
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Suicide, Hanging	5	8	3	...	...	...	1	1	...	1	1	...	...	...	1	...	...	1	1	1	...	2	...	...	3	...	1	2	...	.....	...	...
" Laudanum	4	1	...	...	...	...	1	...	...	...	1	...	...	1	...	...	...	...	...	...	1	1	...	...	..	...	...	...	...	.....	...	...
" Poison	3	3	1	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	...	1	...	1	...	...	...	1	1	...	...	.....	...	...
" Prussic Acid	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" Gun-shot Wounds	2	7	1	...	1	...	...	...	...	...	...	...	...	...	...	2	1	1	1	...	1	.....	2	...	..	...	...	...	...	.....	...	1
" Slaked Lime	.....	. ....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
Sun-stroke	7	12	1	...	2	2	3	1	...	1	...	2	...	1	3	...	...	...	...	...	...	2	...	...	...	...	...	1	...	1	...	1
Suppression of Urine	1	2	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	1	...	..	.....	1	...
Syncope	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	..	...
Syphilis	17	2	3	1	1	...	1	3	...	1	...	...	...	...	...	1	2	...	...	...	...	3	...	...	...	...	...	...	1	7	...	1
Tabes Mesenterica	18	1	...	1	...	...	...	1	...	...	1	...	...	1	...	...	...	...	1	1	1	3	5	...	...	1	1	1	1	.....	...	...
Teething	36	.....	...	1	...	3	3	2	...	4	...	...	...	...	1	...	...	...	3	1	...	7	...	...	...	...	3	2	3	.....	2	1
Tetanus	23	4	2	1	3	...	...	1	...	...	...	...	3	1	...	1	2	3	1	...	...	4	1	...	1	...	2	...	...	3	1	1
" Traumatic	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	.....	...	1	...	...	...	...	...	.....	...	...
Trismus Nascentium	19	.....	...	...	1	...	...	...	...	1	1	...	...	2	...	...	...	2	...	...	1	1	2	...	...	1	...	...	3	4	...	...
Tumor	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" Bladder	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Bowels	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	2	.....	...	...
" Brain	4	4	1	...	...	...	...	...	...	1	2	...	...	...	...	...	...	2	...	1	...	1	...	...	...	...	...	...	...	1	...	1
" Ear	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" Larynx	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Liver	2	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Mesentery	1	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	.....	...	...	...	1	...	...	...	.....	...	...
" Neck	1	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	...	...
" Nose	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	.....	...	...	...	...	...	...	...	.....	...	...
" Optic Thalamus	.....	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	1	...	...
" Spleen	1	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	..
" Stomach	.....	1	...	...	...	...	...	...	...	...	...	...	1	...	..	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Spine	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Uterus	2	1	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1	...	...	...	.....	...	...	...	...	...	...	...	.....	...	...
" Vagina	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	..
" Abdominal	4	2	...	...	...	...	1	...	...	...	2	...	...	...	...	...	...	1	..	...	1	.....	...	...	...	...	...	1	...	.....	...	...
" Fibrous	1	.....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	...	.....	...	..

TABLE VI.—*Continued.*

CAUSES OF DEATH.	Totals.	Males.	Females.	Boys.	Girls.	AGES.																Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
Tumor, Ovarian	11	.....	11	.....	.....	.....	.....	.....	.....	.....	.....	1	3	2	3	1	1	.....	.....	.....	.....	11	.....	.....	1
" Phlegmonous	1	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Ulceration of Back and Leg	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Bowels	18	9	9	3	3	.....	1	1	.....	1	3	2	2	2	3	3	.....	.....	.....	.....	.....	12	6	.....	1
" of Larynx	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....
" of Mouth	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
" of Stomach	8	5	3	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	3	1	.....	.....	.....	.....	8	.....	.....	.....
" of Stom. & Bowels	6	3	3	.....	1	1	.....	.....	.....	.....	.....	.....	2	.....	3	.....	.....	.....	.....	.....	.....	5	1	.....	.....
" of Throat	3	3	.....	2	.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	2	.....	.....
" of Tonsils	1	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Ulcerated Sore Throat	2	1	1	1	1	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....
Unknown	35	23	12	14	7	19	2	.....	.....	.....	.....	1	3	6	2	1	1	.....	.....	.....	.....	14	21	.....	5
Uræmia	48	26	22	5	10	3	....	8	2	2	.....	3	5	11	4	6	4	.....	.....	.....	.....	33	15	5	5
Worms	1	.....	1	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....
Wounds (Gun-shot)	10	7	3	2	1	.....	.....	1	.....	1	1	3	.....	3	1	.....	.....	.....	.....	.....	.....	7	3	.....	.....
	17,805	9100	8705	4750	4366	4029	1465	1877	934	308	503	1627	1563	1304	1225	1186	1121	549	101	11	1	8689	9116	582	934

The number of deaths reported for the year 1875		17,805
White	16,871	
Colored	934	17,805
Males	9,100	
Females	8,705	17,805

CAUSES OF DEATH	NATIVITY.			WARDS.																											
	U. States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Tumor, Ovarian	8	3	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...	1	...	1		2	1	...	...	...	...	...	1	.....	...	2
" Phlegmonous	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	1	.....	.....	...	...
Ulceration of Back and Leg	.....	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
" of Bowels	15	2	1	2	1	...	...	...	...	1	1	...	...	1	...	...	...	4	1	...	...	.....	1	...	1	2	...	...	1	2	...	...
" of Larynx	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
" of Mouth	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
" of Stomach	3	5	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	1	...	.....	1	...	...	...	...	1	1	.....	...	...
" of S. & Bowels	6	.....	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	2	...	...	1	...	...	...	.....	.....	...	...
" of Throat	3	.....	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	..	.....	.....	...	...
" of Tonsils	1	.....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	1	.....	...	...
Ulcerated Sore Throat	2	.....	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	.....	.....	...	...
Unknown	26	7	2	3	...	...	1	2	...	2	2	...	...	3	...	1	...	...	...	...	1	4	...	2	3	1	1	2	6	1	...	1
Uræmia	29	11	8	3	1	2	1	2	...	...	2	...	1	3	1	1	...	5	...	...	...	1	4	1	1	2	1	2	4	9	...	...
Worms	1	.....	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.....	...	...	...	...	...	...	.....	.....	...	...
Wounds (Gun-shot)	5	5	...	...	...	1	...	1	...	1	...	1	...	1	...	...	...	...	...	...	...	.....	1	...	...	...	...	...	2	.....	1	1
	13,519	3577	709	896	729	463	629	450	264	733	440	295	486	394	306	353	403	955	396	554	680	1713	892	402	501	470	711	541	1132	*1017	392	608

The number of male adults	4,350	
" female adults	4,366	
" male children	4,750	
" female children	4,339	
		17,805

* Deduct deaths in Alms house, 582; actual deaths in Twenty seventh Ward, 435.

The mortality of adults amounted to eight thousand six hundred and eighty-nine (8,689), an increase over the previous year of nine hundred and thirty-two (932), and the mortality of children nine thousand one hundred and sixteen (9,116), an increase of one thousand six hundred and thirty-five (1,635).

The number born in the United States amounted to thirteen thousand five hundred and nineteen (13,519); three thousand five hundred and seventy-seven (3,577) were of foreign birth, and seven hundred and nine (709) whose nativities were unknown.

Abscess.—The number of deaths from this disease was seventy-nine (79), an increase of ten (10) over the previous year; they were classified as follows: abscess, of ankle joint, arm, brain, ear, hand, kidneys, leg, liver, lungs, lymphatic glands, mouth, neck, parotid gland, prostrate gland, spinal cord, stomach, thigh, throat and ear, uterus, abdominal, internal, lumbar, pelvic, and psoas.

Cancer.—The deaths from this disease amounted to three hundred and seventeen (317), an increase of ten (10) over previous year. They were classified in thirty-seven (37) varieties, thus showing the interest manifested by physicians in making a more definite nomenclature than formerly.

Cerebro-spinal Meningitis.—The deaths so reported amounted to seventy-three (73), a decrease from the previous year of nine (9); fourteen (14) were adults, and sixty-nine (69) were children; forty-three (43) were males, and forty (40) were females; thirty-five (35) were boys, and thirty-four (34) were girls; fourteen (14) were under one year, twelve (12) between one and two, and twenty-three (23) between two and five years.

Consumption of Lungs.—The number of deaths reported under this head amounted to two thousand three hundred and fifty-nine (2,359), an increase over the previous year of fifty-five (55); two thousand and eighty (2,080) were adults, and two hundred and seventy-nine (279) were children; one thousand four hundred and ninety-six (1,496) were natives of the United States, seven hundred and fifteen (715) were of foreign birth, and one hundred and forty-eight (148) whose nativities were unknown.

The deaths in each month of the year were as follows:

January,	174	July,	161
February,	205	August,	191
March,	266	September,	160
April,	219	October,	197
May,	209	November,	176
June,	180	December,	221

The largest number of deaths occurred in the month of March, and the lowest in the month of September.

The average deaths from this disease in each month, - - 196
The average deaths from this disease in each week, - - 45
The average deaths from this disease in each day, - - - 6

The number of deaths from consumption of both sexes for the past fourteen years was as follows:

YEARS.	Males.	Females.	Total.
1862	961	988	1,949
1863	966	989	1,955
1864	1,087	1,002	2,089
1865	1,020	1,006	2,026
1866	994	950	1,944
1867	942	1,005	1,947
1868	1,000	995	1,995
1869	982	993	1,975
1870	1,118	1,190	2,308
1871	1,099	1,138	2,337
1872	1,167	1,163	2,330
1873	1,093	1,198	2,291
1874	1,133	1,171	2,304
1875	1,185	1,174	2,359

Cholera Infantum.—The deaths so reported amounted to nine hundred and ninety-two (992), an increase over the previous year of one hundred and forty-three (143).

Cholera Morbus.—The number of deaths so registered amounted to forty-seven (47); thirty-six (36) were adults, and eleven (11) were minors.

Diphtheria.—The number of deaths from this disease amounted to six hundred and fifty-six (656), an increase over the previous year of four hundred and seventy-seven (477): three hundred and twenty-two (322) were males, and three hundred and thirty-four (334) were females; thirteen (13) were adults, and six hundred and forty-three (643) were children; they were classified as follows, and compared with former years:

YEARS.	Male Adults.	Female Adults.	Male Children.	Female Children.	Deaths in each Quarter.			
					1st.	2d.	3d.	4th.
1868	2	3	51	63	26	24	17	52
1869	3	5	75	99	42	48	37	55
1870	4	4	68	96	33	25	31	88
1871	3	3	71	68	48	32	29	36
1872	5	5	61	79	52	28	25	45
1873	1	2	56	51	45	25	17	23
1874	1	4	80	94	30	28	20	101
1875	6	7	314	325	116	158	142	236

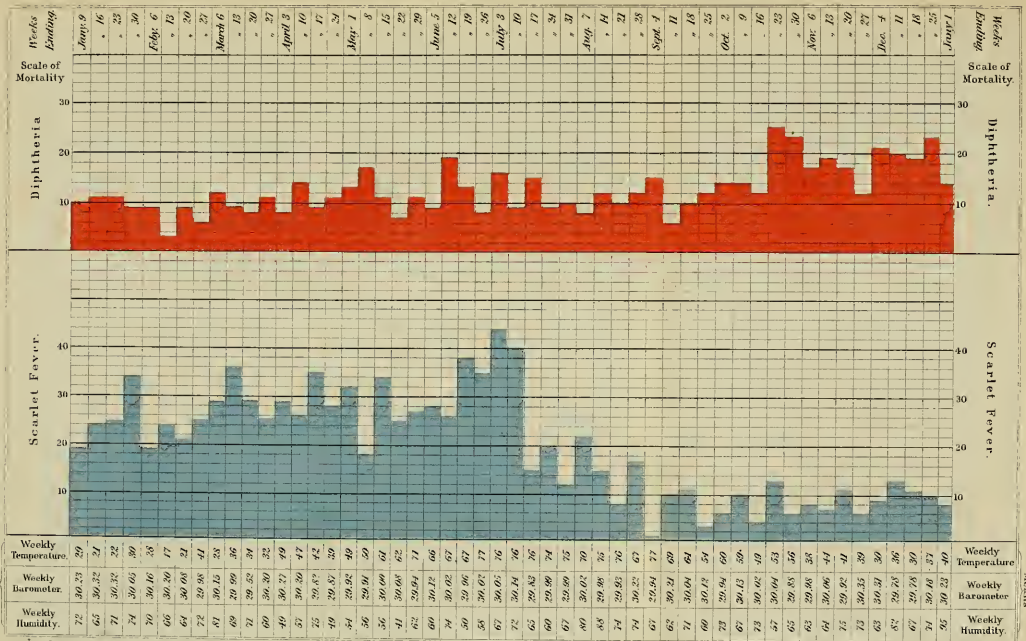
Fever, Scarlet.—The deaths from this disease amounted to one thousand and thirty-two (1,032), an increase over the previous year of four hundred and seventy-eight (478).

The deaths in each month of the year were as follows:

January,	102	July,	87
February,	89	August,	63
March,	149	September,	30
April,	121	October,	33
May,	104	November,	32
June,	171	December,	51

CHART

Exhibiting the Course of the Mortality from Diphtheria and Scarlet Fever in Philadelphia, for the Year 1875.



Designed by Geo E. Chambers.

Diphtheria — *Scarlet Fever*

TABLE VII.

The following table shows the percentage of deaths during specified periods of life, compared with a similar statement of the mortality in the year 1874. *Still-births excluded.*

		1874.			1875.		
Under	1 year.	4,091	Being	26.84 per cent.	4,029	Being	22.62 per cent
1 to	2 "	1,111	"	6.80 "	1,465	"	8.22 "
2 "	5 "	1,030	"	6.31 "	1,877	"	10.54 "
5 "	10 "	527	"	3.23 "	934	"	5.24 "
10 "	15 "	229	"	1.40 "	308	"	1.73 "
15 "	20 "	493	"	3.02 "	503	"	2.82 "
20 "	30 "	1,554	"	9.52 "	1,627	"	9.13 "
30 "	40 "	1,434	"	9.15 "	1,563	"	8.77 "
40 "	50 "	1,237	"	7.58 "	1,304	"	7.32 "
50 "	60 "	1,086	"	6.65 "	1,225	"	6.88 "
60 "	70 "	1,072	"	6.57 "	1,186	"	6.66 "
70 "	80 "	961	"	5.89 "	1,121	"	6.29 "
80 "	90 "	440	"	2.69 "	549	"	3.08 "
90 "	100 "	107	"	.65 "	101	"	.56 "
100 "	110 "	10	"	.06 "	11	"	.06 "
110 "	120 "	2	"	.001 "	1	"	.005 "

The number of children under ten years amounted to eight thousand three hundred and five (8,305) or 46.62 per cent. of the total mortality; six hundred and sixty-two died over the age of eighty; twelve died over the age of one hundred, and one died over the age of one hundred and ten; the largest mortality occurred under one year, four thousand and twenty-nine (4,029), or 22.62 per cent. Still-births are excluded from the above figures.

TABLE VIII.—*The number of Deaths in each Week, in the City of Philadelphia, with the Age, Sex, Nativity, and Wards, for the year 1875.* (*Still-born included.*)

1875. Weeks Ending	Total.	Males.	Females.	Boys.	Girls.	AGES.															Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 30	30 to 40	40 to 50	50 to 60	60 to 70	70 to 80	80 to 90	90 to 100	100 to 110	110 to 120				
January 9	305	155	150	74	69	67	16	31	22	3	4	30	24	25	32	23	19	8	.....	1	.....	162	143	8	17
" 16	347	174	173	93	95	76	23	43	23	10	13	25	26	23	23	24	25	10	3	.....	.....	159	188	12	15
" 23	373	180	193	87	95	90	27	37	16	5	7	30	35	26	27	32	25	14	2	.....	.....	191	182	11	17
" 30	402	209	193	105	79	87	26	38	18	5	10	39	41	34	24	27	37	15	1	.....	.....	218	184	12	21
February 6	353	169	184	81	99	93	25	28	17	7	10	40	27	23	21	28	24	9	1	.....	.....	173	180	13	23
" 13	373	199	174	96	85	85	27	38	12	5	14	28	34	17	34	40	28	10	1	.....	.....	192	181	13	16
" 20	355	180	175	87	80	84	17	33	19	5	9	30	42	27	22	21	18	24	3	1	.....	188	167	10	18
" 27	404	211	193	108	88	96	23	44	12	4	17	36	31	35	30	25	28	20	2	1	.....	208	196	5	14
March 6	403	210	193	105	90	98	23	40	19	3	12	34	40	37	23	23	34	14	3	.....	.....	208	195	13	23
" 13	387	182	205	103	95	98	28	34	21	7	10	45	24	32	28	18	25	12	4	1	.....	189	198	12	32
" 20	394	214	180	106	97	100	25	52	14	5	7	33	29	31	29	28	28	11	1	1	.....	191	203	16	20
" 27	384	199	185	117	97	113	27	42	23	3	6	36	29	32	17	22	22	10	2	.....	.....	170	214	12	25
April 3	406	208	198	113	95	99	33	48	15	5	8	36	33	33	33	26	23	8	6	.....	.....	198	208	14	30
" 10	348	185	163	98	74	76	24	44	16	2	10	35	33	25	14	35	18	10	5	1	.....	176	172	10	23
" 17	380	190	190	102	96	82	32	38	19	11	16	25	33	30	25	29	19	20	1	.....	.....	182	198	8	19
" 24	354	166	188	78	95	77	23	44	15	2	12	40	33	25	22	20	28	11	2	.....	.....	181	173	10	25
May 1	374	193	181	85	78	67	27	35	20	6	8	45	32	24	35	30	30	12	3	.....	.....	211	163	17	17
" 8	384	186	198	95	78	84	24	34	10	7	14	36	34	27	28	34	40	12	.....	.....	.....	211	173	9	24
" 15	378	185	193	90	107	87	23	47	22	7	11	29	27	25	36	32	20	12	.....	.....	.....	181	197	13	26
" 22	354	187	167	106	76	84	28	36	13	11	10	30	31	18	25	28	30	7	3	.....	.....	172	182	12	24
" 29	372	200	172	104	81	89	23	37	19	6	11	34	28	31	27	17	34	11	5	.....	.....	187	185	12	15
June 5	306	150	156	85	91	74	19	35	27	8	13	26	19	25	20	19	14	7	.....	.....	.....	130	176	20	18
" 12	356	190	166	103	93	80	27	50	23	11	5	33	33	17	24	19	18	14	1	1	.....	160	196	16	24
" 19	334	180	154	107	92	80	28	48	26	5	12	26	24	25	16	16	13	12	3	.....	.....	135	199	8	18
" 26	334	172	162	99	99	93	15	42	34	8	6	31	21	11	19	20	21	10	3	.....	.....	136	198	17	20

1875. Weeks Ending	NATIVITY.			WARDS.																										
	United States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
January 9	229	69	7	15	23	4	14	9	7	7	2	13	9	7	8	6	7	13	4	13	10	31	18	5	8	6	13	9	17	13	4	10
" 16	266	69	12	22	10	10	14	10	5	10	11	1	5	4	11	9	15	20	10	9	15	28	19	10	10	11	16	7	21	19	4	11
" 23	283	80	10	18	17	8	14	9	5	13	16	9	10	4	3	9	8	17	11	8	15	43	19	6	12	9	15	11	29	20	7	8
" 30	314	74	14	20	16	15	16	18	11	13	12	6	13	13	9	14	6	16	8	8	14	33	19	14	16	5	15	8	23	23	4	14
February 6	263	72	18	27	13	12	13	6	4	7	15	6	9	8	6	4	7	16	9	15	9	32	22	2	10	8	11	9	25	31	6	11
" 13	272	81	20	20	17	11	17	10	5	17	11	6	10	8	3	9	13	13	7	9	14	37	21	7	13	3	12	9	25	21	10	15
" 20	256	86	13	18	8	12	13	8	7	22	8	12	16	3	3	6	5	23	12	19	6	33	16	2	6	9	12	5	20	18	14	19
" 27	306	91	7	28	20	13	17	6	6	16	9	8	11	7	11	10	10	21	9	19	17	41	18	3	8	15	13	11	18	13	12	14
March 6	293	87	23	20	14	7	17	11	5	25	12	7	10	6	7	7	9	14	15	9	10	43	18	3	20	16	18	12	24	20	10	14
" 13	293	79	15	24	18	5	22	9	3	16	8	5	9	10	5	8	10	21	7	11	12	30	23	5	7	12	21	16	22	26	7	15
" 20	293	80	21	18	15	10	11	9	9	16	6	16	11	9	10	11	10	16	12	14	12	35	17	6	11	9	17	10	18	27	10	19
" 27	291	73	20	20	15	13	9	19	4	15	11	3	15	12	7	5	5	21	7	13	19	30	25	2	9	8	8	8	23	22	18	18
April 3	304	84	18	21	16	12	16	11	1	22	9	5	10	9	12	8	7	21	10	13	19	31	27	6	18	9	17	12	21	31	3	9
" 10	263	76	9	11	16	9	12	9	5	21	6	4	15	8	8	5	8	19	11	17	13	33	17	4	8	8	9	8	23	16	7	18
" 17	287	82	11	23	19	14	9	12	2	24	10	6	6	7	4	12	7	25	4	16	16	32	14	5	13	11	13	12	26	21	5	12
" 24	272	67	15	21	15	10	11	12	3	18	12	6	10	7	6	8	14	10	4	14	14	31	13	8	15	6	21	10	20	20	4	11
May 1	266	90	18	8	10	8	24	21	6	13	10	5	16	4	3	5	10	20	9	6	26	32	13	7	8	8	17	13	24	24	7	17
" 8	284	83	17	24	10	8	9	11	7	10	12	5	9	9	5	8	11	29	9	17	16	33	26	2	13	13	14	15	19	15	11	14
" 15	297	68	13	22	18	8	12	6	4	11	15	8	9	12	5	7	5	27	12	8	16	37	16	6	13	12	19	8	22	23	8	9
" 22	277	62	15	18	10	13	14	8	4	20	8	10	6	6	4	6	18	24	9	10	19	28	16	6	7	11	17	7	23	18	5	9
" 29	280	76	16	12	17	8	10	5	7	12	18	7	8	4	4	7	9	19	11	9	18	53	23	2	13	10	17	8	21	23	5	12
June 5	227	57	22	14	14	13	12	7	4	14	4	2	7	7	2	10	8	15	8	17	6	31	26	12	4	7	8	2	13	23	6	10
" 12	280	59	17	12	17	3	8	8	6	18	8	4	10	6	5	9	9	23	8	11	12	40	19	12	9	4	18	7	30	24	7	9
" 19	270	55	9	20	8	7	8	6	7	16	7	7	13	11	4	5	7	16	12	9	15	41	11	21	9	9	17	6	13	14	5	10
" 26	271	50	13	9	16	8	12	8	6	9	11	5	2	6	8	10	7	12	13	11	18	34	17	12	4	8	11	9	27	24	3	14

TABLE VIII.—*Continued.*

1875. Weeks Ending	Total.	Males.	Females.	Boys.	Girls.	AGES.																Adults.	Minors.	Alms-house.	People of Color.
						Under 1 year.	1 2	2 5	5 10	10 15	15 20	20 30	30 40	40 50	50 60	60 70	70 80	80 90	90 100	100 110	110 120				
July 3	541	304	237	185	150	182	48	56	32	8	9	46	33	32	33	30	19	12	.....	1	.....	206	335	17	31
" 10	424	217	207	151	145	171	41	43	22	7	12	21	27	11	24	18	22	4	1	.....	.....	128	296	5	24
" 17	471	249	222	164	142	195	41	34	21	9	6	24	22	31	18	27	27	11	4	.....	1	165	306	13	25
" 24	476	251	225	184	134	204	48	31	15	9	11	35	31	21	15	32	17	6	1	.....	.....	158	318	14	36
" 31	451	221	230	153	149	182	51	37	18	4	10	31	24	26	23	18	17	7	3	.....	.....	149	302	8	22
August 7	403	206	197	147	133	176	54	30	12	3	5	25	19	15	17	21	15	8	3	.....	.....	123	280	12	21
" 14	457	230	227	147	149	175	54	28	13	10	16	25	22	20	25	21	32	13	3	.....	.....	161	296	16	31
" 21	401	182	219	110	149	156	47	27	15	4	10	29	30	19	18	18	17	9	2	.....	.....	142	259	11	11
" 28	378	197	181	133	120	148	48	25	15	5	12	31	29	19	18	15	5	6	1	1	.....	125	253	2	25
September 4	387	203	184	118	100	124	38	23	19	6	8	38	33	27	23	15	22	9	2	.....	.....	169	218	13	16
" 11	323	170	153	105	85	108	28	23	14	7	10	22	18	19	23	17	19	13	1	1	.....	133	190	9	8
" 18	323	161	162	90	95	99	37	26	10	7	6	35	24	15	25	16	18	4	1	.....	.....	138	185	4	16
" 25	271	137	134	79	74	79	19	25	18	2	10	26	16	22	17	17	10	9	1	.....	.....	118	153	14	12
October 2	334	192	142	99	65	72	32	33	14	1	12	25	35	30	29	21	17	12	1	.....	.....	170	164	10	14
" 9	287	147	140	81	75	72	14	36	14	6	14	17	25	28	15	13	21	11	1	.....	.....	131	156	7	10
" 16	340	169	171	82	73	76	19	35	15	3	7	45	37	24	26	22	23	8	.....	.....	.....	185	155	10	12
" 23	327	163	164	79	78	55	27	38	23	5	9	26	42	26	29	14	22	9	2	.....	.....	170	157	13	15
" 30	290	134	156	61	74	49	21	34	15	4	12	28	40	27	15	20	16	7	2	.....	.....	155	135	6	13
November 6	287	163	124	85	62	63	20	27	18	8	10	27	29	19	21	19	16	8	1	.....	.....	140	147	14	14
" 13	304	158	146	81	81	74	21	35	24	1	7	34	39	15	16	20	13	5	.....	.....	.....	142	162	4	17
" 20	316	166	150	81	74	76	20	28	16	9	6	27	38	33	12	18	21	10	2	.....	.....	161	155	8	15
" 27	275	129	146	73	54	57	26	24	8	7	5	24	24	27	22	20	19	8	4	.....	.....	148	127	10	17
December 4	303	168	135	75	60	50	18	33	20	9	5	37	31	28	26	19	16	9	2	.....	.....	168	135	17	17
" 11	336	182	154	85	73	77	16	37	18	.....	10	30	30	29	25	31	23	7	3	.....	.....	178	158	12	19
" 18	343	174	169	89	91	81	19	41	18	11	10	33	34	25	20	24	13	12	1	1	.....	163	180	9	18
" 25	319	172	147	91	71	76	24	42	11	3	6	22	27	29	28	21	15	14	1	.....	.....	157	162	6	10
January 1	382	196	186	110	75	95	22	28	21	9	10	33	41	30	27	23	25	15	3	.....	.....	197	185	15	27
Totals	18,909	9715	9194	5365	4855	5133	1465	1877	934	308	503	1627	1563	1304	1225	1186	1121	549	101	11	1	8689	10,220	582	1020

1875. Weeks Ending	Nativity.			Wards.																											
	United States.	Foreign.	Unknown.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
July 3	426	103	12	27	23	15	23	8	13	22	16	8	15	15	8	7	10	26	14	16	23	57	29	20	7	10	16	16	46	33	6	12
" 10	355	56	13	21	21	9	19	13	2	16	9	3	13	11	6	8	12	30	8	20	16	32	23	11	11	17	17	13	33	20	4	6
" 17	385	70	16	21	16	7	16	11	12	24	14	4	14	13	6	13	9	31	12	15	16	34	21	14	19	15	14	15	22	23	18	22
" 24	397	63	16	24	14	17	14	14	5	16	10	7	11	21	6	8	16	23	11	8	15	49	39	12	7	15	20	16	31	24	7	16
" 31	387	54	10	25	20	13	19	4	7	18	8	2	11	8	5	7	13	29	8	17	19	46	18	12	17	13	12	27	32	18	8	15
August 7	334	60	9	16	19	16	13	8	4	19	4	9	12	6	6	11	3	22	14	14	11	38	20	12	16	11	17	11	30	19	11	11
" 14	366	73	18	26	23	14	17	8	9	22	10	4	13	5	10	3	8	17	6	21	19	37	19	12	14	19	20	15	30	28	9	19
" 21	321	68	12	20	24	12	16	11	6	12	9	5	10	7	10	2	6	22	7	9	12	34	20	12	13	10	7	15	33	21	13	23
" 28	318	55	5	25	20	6	10	9	4	15	1	2	8	10	10	3	8	28	11	14	17	36	16	10	14	18	11	6	24	11	11	20
September 4	306	59	22	25	16	8	13	10	11	17	8	7	13	13	4	6	9	17	6	11	13	27	17	15	12	12	13	9	28	24	8	15
" 11	246	69	8	20	16	12	13	8	8	15	5	6	12	5	3	4	7	19	6	14	12	41	10	6	8	8	7	11	18	13	9	7
" 18	257	52	14	20	21	5	16	8	8	12	5	5	7	9	6	4	4	24	6	8	11	32	14	7	6	9	13	12	14	12	10	15
" 25	212	45	14	11	18	5	6	5	4	8	6	5	8	5	4	5	9	15	8	5	9	19	15	6	17	4	11	8	15	22	8	10
October 2	248	73	13	19	14	4	9	6	3	14	7	10	7	14	10	9	4	17	6	8	17	28	19	12	10	7	17	7	21	15	9	11
" 9	216	66	5	11	11	7	10	4	2	16	3	3	5	9	8	6	3	19	5	16	6	34	14	10	6	4	12	8	25	13	8	9
" 16	264	62	14	13	10	12	7	10	5	17	5	5	14	1	8	9	7	12	3	7	11	45	16	7	4	10	22	16	26	24	11	3
" 23	255	60	12	18	14	9	8	7	7	22	3	5	6	10	11	9	8	20	5	5	10	28	13	8	5	14	14	14	20	19	6	9
" 30	218	66	6	12	17	9	5	7	4	19	6	7	7	9	2	8	6	18	4	7	4	24	11	8	9	12	9	11	18	16	8	13
November 6	215	59	13	20	12	3	10	5	4	9	10	7	3	5	3	3	7	19	8	8	13	40	11	1	8	7	11	7	20	21	6	6
" 13	232	66	6	13	15	14	11	14	3	12	12	6	3	6	6	4	9	13	6	3	17	31	10	11	10	4	11	13	22	15	6	4
" 20	231	68	17	14	12	11	11	9	1	14	5	4	8	9	6	7	3	25	8	10	13	28	15	4	10	7	15	12	26	14	3	12
" 27	211	50	14	12	10	7	9	7	4	11	13	6	8	3	.....	10	5	15	5	7	10	28	17	3	12	5	15	8	11	13	5	16
December 4	222	64	17	9	13	5	6	9	4	13	6	3	9	9	6	8	15	18	4	7	14	27	16	7	7	11	14	11	13	18	11	10
" 11	251	65	20	21	13	6	7	8	5	13	13	8	13	9	3	6	4	17	4	9	11	31	18	4	7	5	20	21	18	16	11	15
" 18	280	58	5	14	4	10	15	12	2	11	11	8	10	15	5	7	8	14	3	7	10	45	12	10	13	7	15	14	23	18	10	10
" 25	244	68	7	14	10	7	11	8	2	8	10	3	14	5	3	9	5	23	2	11	10	56	16	13	3	6	13	15	33	12	9	8
January 1	289	75	18	19	16	9	14	13	3	12	12	9	7	7	13	3	8	20	8	8	22	35	99	6	8	4	23	12	20	22	15	15
Totals	14,623	3577	709	955	794	493	662	484	275	792	472	317	510	426	321	377	431	1024	419	590	722	1814	941	421	537	491	758	575	1199	1033	422	654

TABLE IX.—Deaths. *Adults and Children.*
(Premature births and still-born excluded).

1875. MONTHS.	Males.	Females.	Adults.	Children.	Total.
January	670	674	730	614	1,344
February	715	677	761	631	1,392
March	943	900	956	887	1,843
April	694	683	750	627	1,377
May	702	696	751	647	1,398
June	943	826	767	1,002	1,769
July	893	851	600	1,144	1,744
August	961	965	720	1,206	1,926
September	612	563	559	616	1,175
October	578	587	641	521	1,165
November	560	532	591	501	1,092
December	829	751	863	717	1,580
	9,100	8,705	8,689	9,116	17,805
	17,805		17,805		

Excess of Males over Females 395
Excess of Children over Adults 427

The largest mortality occurred in the month of August, one thousand nine hundred and twenty-six (1,926); and the lowest number in the month of November, one thousand and ninety-two (1,092); the number of children in the months of June, July, and August, amounted to nearly twenty per cent. of the entire mortality; the excess of males over females, was three hundred and ninety-five (395), while the excess of children over adults was four hundred and twenty-seven (427).

TABLE X.

The following table shows the mortality in each ward, with the per centage of deaths to total mortality. (*Still-births not included.*)

WARDS.	Area in Square Miles.	Deaths.	Per centage of Deaths to Total Mortality.
First	5.509	896	5.03
Second	.442	729	4.09
Third	.191	463	2.60
Fourth	.229	629	3.53
Fifth	.321	450	2.52
Sixth	.321	264	1.48
Seventh	.439	733	4.11
Eighth	.435	440	2.47
Ninth	.400	295	1.65
Tenth	.359	486	2.72
Eleventh	.210	394	2.21
Twelfth	.193	306	1.71
Thirteenth	.259	353	1.98
Fourteenth	.237	403	2.26
Fifteenth	1.049	955	5.36
Sixteenth	.281	396	2.22
Seventeenth	.251	554	3.11
Eighteenth	.650	680	3.81
Nineteenth	1.455	1,713	9.62
Twentieth	.734	892	5.00
Twenty-first	7.129	402	2.25
Twenty-second	18.114	501	2.81
Twenty-third	42.716	470	2.63
Twenty-fourth	9.725	711	3.99
Twenty-fifth	13.660	541	3.03
Twenty-sixth	8.000	1,132	6.35
Twenty-seventh	11.680	435	2.44
Twenty-eighth	6.343	392	2.20
Twenty-ninth	1.400	608	3.41
Deaths in Almshouse		582	
Total	129,379	17,805	

Ratio of death, 1 in 44.94, or 22.24 per 1,000.

The highest mortality, as usual, occurred in the Nineteenth Ward, one thousand seven hundred and thirteen (1,713), or 9.62 per cent. of the total mortality; the lowest in the Sixth Ward, two hundred and sixty-four (264), or 1.48 per cent.

The following series of tables have been prepared with much care, and will prove of interest in tracing the deaths in each week, with the Meteorological Observations through the entire year.

Week Ending Saturday, January 9, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abortion	1	.....
Abscess of Ankle Joint	.....	1
" Lung	1	.....
Anemia	1	1
Apoplexy	5	.....
Asphyxia	1	2
Bright's Disease	1	2
Burns and Scalds	1	.....
Cancer of the Breast	2	.....
" " Liver	2	.....
" " Nose	1	.....
" " Rectum	2	.....
" " Stomach	2	.....
" " Uterus	1	.....
Carbuncle	1	.....
Casualties	5	.....
Cerebro-spinal Meningitis	.....	1
Cirrhosis of Liver	2	.....
Congestion of Brain	1	5
" " Lungs	1	.....
Consumption of Bowels	.....	1
" " Lungs	33	4
Convulsions	1	14
Compression of Brain	1	.....
Croup	.....	15
Debility	5	4
Diarrhœa	1	.....
Diphtheria	.....	10
Dropsy	3	.....
" Abdominal	1	.....
" of the Brain	.....	2
Disease of the Brain	.....	2
" " Heart	9	2
Drowned	1	.....
Effusion on Brain	.....	1
Enlargement of Heart	1	.....
Erysipelas	1	.....
Fever, Puerperal	2	.....
" Scarlet	.....	19
" Typhoid	5	2
Fracture of Ribs	1	.....
Hemorrhage from Bowels	2	.....
Heart Clot	1	.....
Hooping Cough	.....	1
Inflammat'n of Brain	2	2
" " Bronchi	2	6
" " Kidneys	2	.....
" " Liver	2	.....
" " Lungs	20	9
Inflammat'n of Perit'n'm	1	.....
" " S. & B'ls.	2	2
" " Tonsils	.....	1
" " Veins	1	.....
Inanition	4	6
Intemperance	1	.....
Mania a potu	2	.....
Marasmus	.....	10
Murder	1	.....
Neglect and Exposure	1	.....
Old Age	7	.....
Obstruction of Bowels	1	.....
Paralysis	6	.....
Premature Birth	.....	4
Purpura Hemorrhagica	1	.....
Pyemia	2	.....
Rheumatism, Articular	1	.....
Softening of Brain	2	.....
Still-born	.....	13
Teething	.....	1
Tumor, Spinal	1	.....
Unknown	1	.....
	162	143

DEATHS IN EACH WARD.	
First	15
Second	23
Third	4
Fourth	14
Fifth	9
Sixth	7
Seventh	7
Eighth	2
Ninth	13
Tenth	9
Eleventh	7
Twelfth	8
Thirteenth	6
Fourteenth	7
Fifteenth	13
Sixteenth	4
Seventeenth	13
Eighteenth	10
Nineteenth	31
Twentieth	18
Twenty-first	5
Twenty-second	8
Twenty-third	6
Twenty-fourth	13
Twenty-fifth	9
Twenty-sixth	17
Twenty-seventh	13
Twenty-eighth	4
Twenty-ninth	10

Of the above there were:

Under 1 year	67
From 1 to 2	16
" 2 to 5	31
" 5 to 10	22
" 10 to 15	3
" 15 to 20	4
" 20 to 30	30
" 30 to 40	24
" 40 to 50	25
" 50 to 60	32
" 60 to 70	23
" 70 to 80	19
" 80 to 90	8
" 90 to 100	0
" 100 to 110	1

Nativity, &c

United States	229
Foreign	69
Unknown	7
From Almshouse	8
People of Color	17
Males	155
Females	150
Boys	74
Girls	69

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 9, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. January.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 3	30.27	30.27	30.24	30.25	27	34	31	31	37	43	68	W.	W.	S. W	6	9	6	Fair	Fair	Cloudy	.....
Monday, 4	30.10	30.05	30.13	30.10	34	37	36	36	90	90	71	S. E.	E.	N.W	4	3	8	Cloudy	Rain	Cloudy	.10
Tuesday, 5	30.21	30.26	30.44	30.34	28	30	24	26	77	48	60	N.	N.W	N.W	16	16	14	Cloudy	Cloudy	Clear	.....
Wednesday, 6	30.58	30.53	30.47	30.51	19	30	28	26	52	68	88	N. E	S.	N. E	7	5	7	Fair	Fair	Snow	.01
Thursday, 7	30.23	30.03	29.91	30.02	31	34	34	33	89	90	80	N. E	N. E	E.	12	16	8	Light Rain	Light Rain	Rain	.74
Friday, 8	30.17	30.27	30.29	30.26	32	32	33	33	69	60	69	N.	N.	S. E.	12	16	8	Fair	Fair	Fair	.01
Saturday, 9	30.08	29.99	30.31	30.17	30	34	9	20	78	79	35	E.	W.	N.W	5	20	30	Cloudy	Cloudy	Clear	.....
Means.....	.....	.....	.....	30.23	...	...	...	29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.86

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, January 16, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	2	.....
Aneurism of the Aorta	1	.....
Apoplexy	3	.....
Asthma	1	.....
Bed Sores	1	.....
Bright's Disease	4	.....
Burns and Scalds	.....	2
Cancer, Diffused	1	.....
" of the Liver	1	.....
" " Pleura	1	.....
" " Stomach	1	.....
Cerebro-spinal Meningitis	1	2
Cirrhosis of Liver	1	.....
Concussion of the Chest	.....	1
Congestion of Brain	1	7
" " Liver	1	.....
" " Lungs	4	3
Consumption of Lungs	30	8
Convulsions	1	11
Compression of Brain	1	.....
Croup	.....	22
Cramps	.....	1
Cyanosis	.....	3
Debility	12	1
Diphtheria	2	9
Dropsy	1	1
" Abdominal	2	1
" of the Brain	1	4
" " Chest	.....	2
Disease of the Heart	7	2
" " Hip	.....	2
" " Kidneys	2	.....
" " Lungs	1	1
" " Prostate	1	.....
Drowned	1	.....
Effusion on Brain	.....	2
Embolism of Heart	1	.....
Empyema	1	.....
Enlargement of Heart	2	.....
Erysipelas	1	.....
Fatty Degen. of Heart	1	.....
Fever, Catarrhal	.....	1
" Puerperal	1	.....
" Scarlet	.....	24
" Typhoid	6	3
Fracture of Skull	1	.....
Gangrene of Foot	1	.....
" " Lungs	1	.....
Hemorrhage from Lungs	2	.....
Hooping Cough	.....	1
Hypertrophy of Heart	1	.....
Inflammat'n of Brain	2	8
" " Bronchi	5	6
" " Kidneys	1	2
" " Larynx	.....	1
" " Lungs	18	10
" " Pericard	.....	1
" " Periton'm	2	.....
" " Spine	1	1
" " S. & Bo'ls	3	4
" " Uterus	1	.....
Inanition	.....	4
Insanity	1	.....
Jaundice	.....	1
Marasmus	.....	9
Murder	1	.....
Old Age	11	.....
Obstruction of Bowels	.....	1
Paralysis	1	.....
Premature Birth	.....	5
Pyemia	1	1
Shock	1	.....
Softening of Brain	3	.....
" " Stomach	1	.....
Spina Bifida	.....	1
Still-born	.....	18
Tumor of Neck	.....	1
Ulceration of Stomach	1	.....
	159	188

DEATHS IN EACH WARD.	
First	22
Second	10
Third	10
Fourth	14
Fifth	10
Sixth	5
Seventh	10
Eighth	11
Ninth	1
Tenth	5
Eleventh	4
Twelfth	11
Thirteenth	9
Fourteenth	15
Fifteenth	20
Sixteenth	10
Seventeenth	9
Eighteenth	15
Nineteenth	28
Twentieth	19
Twenty-first	10
Twenty-second	10
Twenty-third	11
Twenty-fourth	16
Twenty-fifth	7
Twenty-sixth	21
Twenty-seventh	19
Twenty-eighth	4
Twenty-ninth	11

Of the above there were:

Under 1 year	76
From 1 to 2	23
" 2 to 5	43
" 5 to 10	23
" 10 to 15	10
" 15 to 20	13
" 20 to 30	25
" 30 to 40	26
" 40 to 50	23
" 50 to 60	23
" 60 to 70	24
" 70 to 80	25
" 80 to 90	10
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	266
Foreign	69
Unknown	12
From Almshouse	12
People of Color	15
Males	174
Females	173
Boys	93
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 16, 1875.

Month and Day. 1875. January.	Barometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Rel. Humidity. 7 A. M.	2 P. M.	9 P. M.	Direction of Wind. 7 A. M.	2 P. M.	9 P. M.	Vel. of Wind. 7 A. M.	2 P. M.	9 P. M.	State of Weather. 7 A. M.	2 P. M.	9 P. M.	Rain. In.
Sunday, 10	30.54	30.53	30.53	30.53	–2	9	11	7	67	36	40	N.W	N.W	N.W	18	14	8	Clear	Fair	Fair	.....
Monday, 11	30.48	30.42	30.47	30.46	12	27	22	21	61	66	72	S. W	W.	N.W	6	6	8	Fair	Fair	Clear	.....
Tuesday, 12	30.54	30.46	30.39	30.44	19	26	24	23	68	65	87	E.	E.	N. E	16	18	20	Cloudy	Cloudy	Sleet	.10
Wednesday, 13	30.12	30.01	29.97	30.02	26	31	33	31	88	89	89	E.	N. E	W.	10	8	10	Cloudy	Cloudy	Cloudy	.20
Thursday, 14	30.18	30.13	30.25	30.20	29	31	25	27	67	60	63	N.W	N.W	N.W	16	16	16	Clear	Clear	Fair	.01
Friday, 15	30.42	30.39	30.42	30.42	15	21	19	18	65	43	53	N.W	N.W	N.	18	22	10	Fair	Clear	Fair	.....
Saturday, 16	30.31	30.13	30.20	30.21	19	24	25	23	52	74	62	W.	W.	W.	5	12	16	Fair	Cloudy	Clear	.....
Means.....	.....	.....	.....	30.32	...	...	...	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.31

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, January 23, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Apoplexy	5	.....
Asthma	.....	1
Bright's Disease	2	2
Burns and Scalds	.....	2
Cancer of the Breast	2	.....
" " Uterus	6	.....
Casualties	1	.....
Cholera Infantum	.....	1
Cirrhosis of Liver	3	.....
Concussion of the Brain	1	.....
Congestion of Brain	1	3
" " Lungs	1	1
Consumption of Lungs	40	3
Convulsions	.....	23
Croup	.....	9
Cyanosis	.....	3
Debility	16	7
Diabetes	1	.....
Diphtheria	1	10
Dropsy	1	1
" Abdominal	2	.....
" of the Brain	.....	3
" " Chest	1	.....
" " Heart	.....	2
" " Lungs	2	.....
Disease of the Brain	.....	3
" " Heart	13	1
" " Liver	1	.....
" " Stomach	1	.....
Emphysema	.....	1
Epilepsy	1	.....
Erysipelas	3	4
Exposure to Cold	1	.....
Fatty Degen. of Heart	1	.....
Fever, Catarrhal	.....	2
" Gastric	1	1
" Puerperal	3	.....
" Scarlet	.....	25
" Typhoid	5	2
Fracture of Skull	2	.....
Hanging	1	.....
Hemorrhage, Brain	1	.....
" Kidneys	1	.....
" Lungs	2	.....
" Stomach	2	.....
" Uterus	1	.....
Hooping Cough	.....	2
Hypertrophy of Liver	1	.....
Inflammat'n of Brain	.....	4
Inflammat'n of Bronchi	5	4
" " Heart	1	.....
" " Kidneys	.....	1
" " Lungs	20	10
" " Peric'd'm.	1	.....
" " Periton'm	2	2
" " Pleura	1	.....
" " Spine	1	1
" " S. & Bo'ls	1	3
Inanition	1	4
Malformation	.....	2
Marasmus	2	9
Measles	.....	1
Melæna	1	.....
Old Age	11	.....
Occlusion of Gall Duct	1	.....
Paralysis	5	.....
Perforation of Intestines	1	.....
Premature Birth	.....	5
Pyemia	1	.....
Rheumatism of Heart	1	.....
Scrofula	.....	2
Softening of Brain	2	.....
" " Stomach	1	.....
Sore Mouth	1	.....
Still-born	.....	18
Suicide, Poison	1	.....
Syphilis	.....	1
Tabes Mesenterica	.....	2
Tumor, Abdominal	1	.....
Ulceration of Bowels	2	.....
Unknown	.....	1
	191	182

DEATHS IN EACH WARD.	
First	18
Second	17
Third	8
Fourth	14
Fifth	9
Sixth	5
Seventh	13
Eighth	16
Ninth	9
Tenth	10
Eleventh	4
Twelfth	3
Thirteenth	9
Fourteenth	8
Fifteenth	17
Sixteenth	11
Seventeenth	8
Eighteenth	15
Nineteenth	43
Twentieth	19
Twenty-first	6
Twenty-second	12
Twenty-third	9
Twenty-fourth	15
Twenty-fifth	11
Twenty-sixth	20
Twenty-seventh	20
Twenty-eighth	7
Twenty-ninth	8

Of the above there were:	
Under 1 year	90
From 1 to 2	27
" 2 to 5	37
" 5 to 10	16
" 10 to 15	5
" 15 to 20	7
" 20 to 30	30
" 30 to 40	35
" 40 to 50	26
" 50 to 60	27
" 60 to 70	32
" 70 to 80	25
" 80 to 90	14
" 90 to 100	2
" 100 to 110	0

Nativity, &c.	
United States	283
Foreign	80
Unknown	10
From Almshouse	11
People of Color	17
Males	180
Females	193
Boys	87
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 23, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. January.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 17	30.40	30.39	30.44	30.42	20	24	23	22	56	60	73	N.W	N.	N.W	8	16	8	Fair	Fair	Cloudy	.....
Monday, 18	30.34	30.14	30.22	30.23	18	17	14	16	84	100	63	E.	N. E	N.	7	7	8	Lt. Snow	Lt. Snow	Fair	.06
Tuesday, 19	30.36	30.37	30.41	30.39	10	18	17	15	79	52	67	N.	N.	N.W	14	16	8	Fair	Fair	Fair	.....
Wednesday, 20	30.47	30.52	30.55	30.52	10	17	19	16	79	87	69	N.W	N.W	O	8	11	0	Clear	Clear	Fair	.....
Thursday, 21	30.46	30.26	30.10	30.23	17	26	26	24	67	77	88	O	E.	E.	0	4	4	Cloudy	Cloudy	Cloudy	.....
Friday, 22	29.90	29.91	30.09	29.99	28	40	38	36	88	82	55	E.	W.	W.	5	8	8	Cloudy	Fair	Clear	.12
Saturday, 23	30.41	30.49	30.52	30.48	24	29	27	27	60	67	77	N.W	N.W	N.W	10	14	8	Clear	Clear	Clear	.....
Means.....	.....	.....	.....	30.32	...	...	...	22	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.18

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, January 30, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Ear		1
" " Liver	2	
Apoplexy	7	
Asthma	1	1
Bright's Disease	4	
Burns and Scalds	2	2
Cancer of the Breast	2	
" " Liver	1	
" " Stomach	5	
" " Uterus	1	
" " Vulva	1	
Carbuncle	1	
Casualties	2	1
Cerebro-spinal Meningitis		1
Cholera Infantum		1
" Morbus	1	
Cirrhosis of Liver	1	
Congestion of Brain	1	5
" " Lungs	2	5
Consumption of Lungs	53	3
Convulsions	2	16
Croup		11
Cyanosis		4
Debility	17	5
Diabetes		1
Diphtheria		9
Dropsy	5	
" Abdominal	2	
" of the Chest		1
" " Heart	2	
Disease of the Brain		1
" " Heart	6	1
" " Liver	2	
Effusion into Pleura	1	
Epilepsy		1
Erysipelas	1	
Exposure	1	
Fatty Degen. of Heart	1	
Fever, Congestive	1	
" Catarrhal		1
" Puerperal	4	
" Remittent		1
" Scarlet	2	32
" Typhoid	6	4
" Typhus	1	
Gangrene of Lungs	1	
Hernia	1	
Hemorrhage from Lungs	3	
Heart Clot	1	
Hepatization of Lungs		1
Hooping Cough		1
Inflammat'n of Brain		4
" " Bronchi	2	7
" " Kidneys		1
" " Larynx	1	2
" " Lungs	22	16
" " Periton'm	5	1
" " Pleura	2	
" " S. & Bo'ls	5	1
Inanition	2	4
Intemperance	1	
Marasmus	3	8
Measles		1
Old Age	9	
Ossification of Heart	1	
Paralysis	8	
Premature Birth		8
Purpura Hemorrhagica		2
Sarcoma Ovarian	1	
Scrofula		1
Softening of Brain	2	
Sore Mouth		1
Strangulation	1	
Still-born		12
Suicide	1	
Syphilis		2
Teething		1
Tetanus		1
Tumor, Ovaries	1	
" Uterus	1	
Ulceration of Larynx	1	
" " Throat	1	
Unknown		1
Uræmia	1	
	218	184

Of the above there were:	
Under 1 year	87
From 1 to 2	26
" 2 to 5	38
" 5 to 10	18
" 10 to 15	5
" 15 to 20	10
" 20 to 30	39
" 30 to 40	41
" 40 to 50	34
" 50 to 60	24
" 60 to 70	27
" 70 to 80	37
" 80 to 90	15
" 90 to 100	1
" 100 to 110	0

DEATHS IN EACH WARD.	
First	20
Second	16
Third	15
Fourth	16
Fifth	18
Sixth	11
Seventh	13
Eighth	12
Ninth	6
Tenth	13
Eleventh	13
Twelfth	9
Thirteenth	14
Fourteenth	6
Fifteenth	16
Sixteenth	8
Seventeenth	8
Eighteenth	14
Nineteenth	33
Twentieth	19
Twenty-first	14
Twenty-second	16
Twenty-third	5
Twenty-fourth	15
Twenty-fifth	8
Twenty-sixth	23
Twenty-seventh	23
Twenty-eighth	4
Twenty-ninth	14

Nativity, &c.	
United States	314
Foreign	74
Unknown	14
From Almshouse	12
People of Color	21
Males	209
Females	193
Boys	105
Girls	79

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 30, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. January.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 24	30.37	29.98	29.96	30.04	22	34	35	32	60	100	100	N. E	E.	W.	6	14	10	Cloudy	He'vy Rain	Cloudy	.61
Monday, 25	30.08	30.16	30.35	30.23	32	33	24	28	69	50	75	W.	N.W	N.W	6	29	14	Fair	Clear	Clear	.....
Tuesday, 26	30.41	30.37	30.36	30.37	17	24	22	21	67	60	59	N.W	N.	W.	17	14	6	Fair	Fair	Clear	.....
Wednesday, 27	30.30	30.21	30.17	30.21	19	31	32	28	69	68	69	N.	W.	S. W	16	6	4	Cloudy	Cloudy	Fair	.....
Thursday, 28	30.09	29.87	29.75	29.86	30	39	42	38	89	91	91	E.	E.	S. W	5	4	3	Cloudy	Cloudy	Cloudy	.11
Friday, 29	29.71	29.69	29.68	29.69	36	31	29	31	30	100	89	N E	N. E	N. E	10	12	10	Cloudy	Light Rain	Lt. Snow	.14
Saturday, 30	29.86	29.98	30.05	29.98	28	36	35	34	89	80	52	W.	N.W	S. W	7	12	4	Fair	Fair	Clear	.....
Means.....	.....	.....	.....	30.05	...	...	...	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.86

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, February 6, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Aortic Stenisis	1	.....
Anemia	.....	1
Apoplexy	9	.....
Asthma	2	.....
Bright's Disease	3	1
Burns and Scalds	1	.....
Cancer, Diffused	1	.....
" of the Breast	1	.....
" " Liver	1	.....
" " Pylorus	1	.....
" " Uterus	3	.....
Casualties	1	.....
Cerebro-spinal Meningitis	.....	1
Child birth	1	.....
Congestion of Brain	1	4
" " Lungs	7	6
Consumption of Lungs	44	4
Convulsions	1	12
" Puerperal	1	.....
Croup	.....	11
Cyanosis	.....	1
Debility	5	2
Diphtheria	.....	9
Dropsy	6	1
" of the Brain	.....	2
" " Pericardium	.....	1
Disease of the Brain	2	1
" " Heart	11	5
" " Hip	.....	1
" " Spine	.....	1
Dysentery	1	.....
Eczema	.....	1
Effusion on Brain	.....	2
Embolism of Brain	1	.....
Epilepsy	1	.....
Erysipelas	1	2
Enlargement of Heart	1	.....
Emphysema of Lungs	.....	1
Fatty Degen. of Heart	2	.....
Fever, Puerperal	2	.....
" Scarlet	1	18
" Typhoid	5	3
Gangrene of Lungs	1	.....
Hemorrhage, Bowels	1	.....
" Kidneys	.....	1
" Umbilical	.....	1
Hooping Cough	.....	1
Inflammat'n of Brain	.....	10
" " Bronchi	1	6
Inflammat'n of Larynx	.....	2
" " Lungs	20	12
" " S. & Bo'ls	2	1
" " Tonsils	.....	1
" " Uterus	1	.....
Inanition	5	6
Intemperance	1	.....
Jaundice	1	.....
Marasmus	.....	10
Neuralgia of the Brain	1	.....
Old Age	6	.....
Obstruction of Bowels	1	1
Paralysis	4	.....
Poisoning	.....	1
Premature Birth	.....	8
Pyemia	.....	1
Retention of Urine	1	.....
Rheumatism of Brain	.....	1
" " Heart	1	.....
Rupture of Uterus	1	.....
Septicæmia	1	1
Sore Mouth	.....	1
Softening of Brain	3	.....
Spina Bifida	.....	1
Still-born	.....	20
Suicide	2	.....
Tabes Mesenterica	.....	1
Trismus Nascentium	.....	1
Tumor	.....	1
Unknown	1	.....
	173	180

DEATHS IN EACH WARD.	
First	27
Second	13
Third	12
Fourth	13
Fifth	6
Sixth	4
Seventh	7
Eighth	15
Ninth	6
Tenth	9
Eleventh	8
Twelfth	6
Thirteenth	4
Fourteenth	7
Fifteenth	16
Sixteenth	9
Seventeenth	15
Eighteenth	9
Nineteenth	32
Twentieth	22
Twenty-first	2
Twenty-second	10
Twenty-third	8
Twenty-fourth	11
Twenty-fifth	9
Twenty-sixth	25
Twenty-seventh	31
Twenty-eighth	6
Twenty-ninth	11

Of the above there were:	
Under 1 year	93
From 1 to 2	25
" 2 to 5	28
" 5 to 10	17
" 10 to 15	7
" 15 to 20	10
" 20 to 30	40
" 30 to 40	27
" 40 to 50	23
" 50 to 60	21
" 60 to 70	28
" 70 to 80	24
" 80 to 90	9
" 90 to 100	1
" 100 to 110	0

Nativity, &c.	
United States	263
Foreign	72
Unknown	18
From Almshouse	13
People of Color	23
Males	169
Females	184
Boys	81
Girls	99

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 6, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather			Rain.
1875. JANUARY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 31	30.08	29.80	29.81	29.87	30	33	31	31	89	89	89	E.	E.	N.	5	12	16	Cloudy	Light Rain	Cloudy	.11
FEBRUARY.																					
Monday, 1	30.07	30.20	30.61	30.22	20	25	24	23	70	75	74	N.W	N.W	S. W	15	12	10	Clear	Clear	Clear	.....
Tuesday, 2	30.43	30.37	30.30	30.35	22	41	37	34	72	83	54	N.	S.	S.	4	4	8	Fair	Cloudy	Fair	.....
Wednesday, 3	29.97	29.62	29.54	29.67	40	53	48	47	91	100	100	S. E.	S.	W.	3	24	8	Light Rain	Cloudy	Foggy	.63
Thursday 4	29.91	30.03	30.31	30.14	24	24	17	21	60	48	51	N.W	N.W	W.	22	22	22	Fair	Fair	Clear	.....
Friday, 5	30.53	30.50	30.48	30.49	12	20	19	17	61	70	54	N.W	N.W	S. W	22	13	11	Clear	Cloudy	Clear	.....
Saturday, 6	30.34	30.35	30.49	30.42	19	31	18	21	52	59	52	S. W	N.W	N.	12	24	15	Cloudy	Fair	Clear	.....
Means.....	.....	.....	.....	30.16	...	...	...	28	.....	.....	.....	.....	.....	.....	.....	.....		.....	.....	.....	.74

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, February 13, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Throat and Ear		1
Amyloid deg. of Viscera		1
Anemia	1	1
Apoplexy	6	
Asphyxia		1
Asthma	3	
Bright's Disease	1	
Cancer of Brain	1	
" " Breast	1	
" " Leg	1	
" " Parotid Gland	1	
" " Rectum	1	
" " Stomach	2	
" " Uterus	2	
Casualties	7	
Cerebro-spinal Meningitis		4
Cholera Infantum		1
Cirrhosis of Liver	3	
Congestion of Brain	2	8
" " Lungs	3	2
Consumption of Bowels	1	
" " Lungs	30	5
Convulsions	1	16
Croup		10
Cyanosis		2
Debility	10	6
Diarrhœa	1	
Diphtheria		3
Dropsy	1	
" Abdominal	2	
" of the Brain		3
" " Chest	2	
" " Heart	1	1
Disease of the Brain		1
" " Heart	12	3
Drowned	2	1
Epilepsy	1	1
Erysipelas	1	3
Fatty Degen. of Heart	4	
Fever, Catarrhal		1
" Puerperal	1	
" Scarlet		24
" Typhoid	10	1
" Typhus	1	
Gangrene of Throat	1	
Hemorrhage, Brain	2	
" Lungs	1	
Heart Clot	1	
Hooping Cough		1
Hypertrophy of Heart	2	
" " Liver	1	
Inflammat'n of Brain		9
" " Bladder	1	
" " Bronchi	2	7
" " Kidneys	2	1
" " Larynx	2	1
" " Liver	1	
" " Lungs	20	15
" " Periton'm	3	
" " Pleura		1
" " S. & Bo'ls	2	5
" " Tonsils		2
" " Veins	1	
Inanition	1	4
Influenza		1
Intussusception	1	
Intemperance	1	
Jaundice	1	
Mania a potu	1	
Marasmus		8
Neuralgia of the Heart	2	
Old Age	2	
Obstruction of Bowels	1	
Paralysis	7	
Poisoning	2	
Premature Birth		9
Potts Disease		1
Pyemia		2
Rheumatism	2	
Shock	1	
Softening of Brain	5	
Still-born		12
Stricture of Œsophagus	2	
Suicide—Poisoning	1	
Suffocation		1
Tetanus	1	
Ulceration of Stomach	1	
Unknown	1	1
Uræmia	1	
	192	181

DEATHS IN EACH WARD.	
First	20
Second	17
Third	11
Fourth	17
Fifth	10
Sixth	5
Seventh	17
Eighth	11
Ninth	6
Tenth	10
Eleventh	8
Twelfth	3
Thirteenth	9
Fourteenth	13
Fifteenth	13
Sixteenth	7
Seventeenth	9
Eighteenth	14
Nineteenth	37
Twentieth	21
Twenty-first	7
Twenty-second	13
Twenty-third	3
Twenty-fourth	12
Twenty-fifth	9
Twenty-sixth	25
Twenty-seventh	21
Twenty-eighth	10
Twenty-ninth	15

Of the above there were:	
Under 1 year	85
From 1 to 2	27
" 2 to 5	38
" 5 to 10	12
" 10 to 15	5
" 15 to 20	14
" 20 to 30	28
" 30 to 40	34
" 40 to 50	17
" 50 to 60	34
" 60 to 70	40
" 70 to 80	28
" 80 to 90	10
" 90 to 100	1
" 100 to 110	0

Nativity, &c	
United States	272
Foreign	81
Unknown	20
From Almshouse	13
People of Color	16
Males	199
Females	174
Boys	96
Girls	85

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 13, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. February.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 7	30.53	30.31	30.17	30.30	8	10	8	8	55	79	78	N. E	N. E	N. E	12	16	15	Cloudy	Lt. Snow	Lt. Snow	.01
Monday, 8	30.03	29.95	30.05	30.02	6	18	15	13	76	68	47	N.	N.W	N.W	16	16	18	Cloudy	Clear	Fair	.....
Tuesday, 9	30.17	29.30	30.49	30.36	4	4	4	4	74	74	48	N.W	N.W	N.W	22	32	16	Fair	Cloudy	Clear	.....
Wednesday, 10	30.65	29.62	30.52	30.58	2	17	17	13	59	59	50	N.W	S.	S.	5	5	9	Clear	Fair	Fair	.....
Thursday, 11	30.06	29.73	29.85	29.87	25	37	32	32	88	90	60	E.	W.	N.W	10	8	17	Light Rain	He'vy Rain	Clear	.51
Friday, 12	30.17	30.22	30.14	30.17	14	23	23	21	65	45	73	W.	W.	N.W	1	22	9	Clear	Clear	Lt. Snow	.....
Saturday, 13	30.17	30.13	30.10	30.12	22	29	28	27	85	77	77	N. E	W.	S. W	6	9	7	Cloudy	Clear	Fair	.....
Means.....	.....	.....	.....	30.20	...	...	...	17	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.52

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, February 20, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain	.....	1
Apoplexy	2	.....
Asphyxia	1	.....
Asthma	2	.....
Bright's Disease	4	2
Burns and Scalds	.....	1
Cancer of the Rectum	1	.....
" " Stomach	1	.....
" " Uterus	2	.....
Carbuncle	1	.....
Casualties	3	.....
Cerebro-spinal Meningitis	1	1
Cholera Infantum	.....	1
Congestion of Brain	1	5
" " Liver	.....	1
" " Lungs	1	3
Consumption of Lungs	50	4
Convulsions	2	11
Compression of Brain	1	.....
Croup	1	13
Cyanosis	.....	3
Debility	12	8
Diarrhœa	2	1
Diphtheria	.....	9
Dropsy	2	2
" of the Brain	1	1
" " Lungs	1	.....
Disease of the Brain	.....	1
" " Heart	13	.....
" " Prostate	1	.....
Effusion on Brain	.....	1
Erysipelas	2	.....
Fever, Puerperal	2	.....
" Remittent	1	.....
" Scarlet	.....	21
" Typhoid	2	3
Hemorrhage, Bowels	.....	1
" Uterus	1	.....
Hypertrophy of Heart	1	.....
Inflammat'n of Brain	1	6
" " Bladder	1	.....
" " Bronchi	1	6
" " Kidneys	.....	2
" " Larynx	1	.....
" " Liver	2	.....
" " Lungs	13	17
" " Peric'd'm	1	1
" " Periton'm	2	.....
" " Pleura	.....	1

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammat'n of S. & Bo'ls	2	2
Inanition	3	5
Insanity	1	.....
Intussusception	.....	1
Intemperance	2	.....
Jaundice	.....	1
Marasmus	3	7
Old Age	19	.....
Obstruction of Bowels	.....	1
Paralysis	6	.....
Premature Birth	.....	3
Rheumatism	1	.....
" of the Heart	1	.....
Rupture of Jugular Vein	1	.....
Scrofula	1	1
Softening of Brain	5	.....
Spasm of Larynx	.....	1
Still-born	.....	16
Tetanus	1	.....
Trismus Nascentium	.....	1
Tumor of Neck	1	.....
Ulceration of Throat	.....	1
Uræmia	2	.....
Urine, Extravasation of	1	.....
Wounds, Gunshot	1	.....
	188	167

DEATHS IN EACH WARD.	
First	13
Second	8
Third	12
Fourth	13
Fifth	8
Sixth	7
Seventh	22
Eighth	8
Ninth	12
Tenth	16
Eleventh	3
Twelfth	3
Thirteenth	6
Fourteenth	5
Fifteenth	23
Sixteenth	12
Seventeenth	19
Eighteenth	6
Nineteenth	33
Twentieth	16
Twenty-first	2
Twenty-second	6
Twenty-third	9
Twenty-fourth	12
Twenty-fifth	5
Twenty-sixth	20
Twenty-seventh	18
Twenty-eighth	14
Twenty-ninth	19

Of the above there were:

Under 1 year	84
From 1 to 2	17
" 2 to 5	33
" 5 to 10	19
" 10 to 15	5
" 15 to 20	9
" 20 to 30	30
" 30 to 40	42
" 40 to 50	27
" 50 to 60	22
" 60 to 70	21
" 70 to 80	18
" 80 to 90	24
" 90 to 100	3
" 100 to 110	1

Nativity, &c

United States	256
Foreign	86
Unknown	13
From Almshouse	10
People of Color	18
Males	180
Females	175
Boys	87
Girls	80

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 20, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. February.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 14	30.05	30.02	30.20	30.12	26	26	13	19	77	64	62	N. E	N.W	N.	10	20	12	Cloudy	Clear	Clear	.01
Monday, 15	30.28	30.23	30.31	30.28	7	15	11	11	54	47	60	N.W	N.W	N.W	16	24	18	Clear	Clear	Clear	.....
Tuesday, 16	30.39	30.31	30.34	30.34	6	14	15	13	52	45	47	N.W	N.W	N.W	16	21	0	Clear	Clear	Clear	.....
Wednesday, 17	30.19	29.95	30.17	30.12	15	38	23	29	65	46	47	S. W	W.	N.W	9	22	24	Fair	Fair	Clear	.....
Thursday, 18	30.35	30.32	30.27	30.30	9	17	21	17	68	50	71	N.W	N.	.....	14	9	0	Clear	Fair	Fair	.....
Friday, 19	30.12	29.93	29.78	29.90	17	27	27	24	92	88	77	E.	E.	E.	4	2	6	Lt. Snow	Lt. Snow	Cloudy	.02
Saturday, 20	29.55	29.37	29.53	29.49	31	36	34	34	100	90	69	E.	N.	N.W	Gentle	8	18	He'vy Rain	Light Rain	Fair	.66
Means.....	.....	.....	.....	30.08	...	...	...	21	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.69

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, February 27, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Psoas	.....	1
Anemia	1	.....
Apoplexy	6	.....
Bright's Disease	3	1
Burns and Scalds	1	2
Cancer, Diffused	1	.....
" of the Lower Jaw	1	.....
" " Trachea	1	.....
" " Uterus	2	.....
Casualties	3	.....
Cerebro-spinal Meningitis	.....	3
Cirrhosis of Liver	1	.....
Congestion of Brain	3	2
" " Lungs	2	4
Consumption of Lungs	59	9
Convulsions	.....	21
Compression of Brain	.....	1
Croup	.....	4
Cyanosis	.....	1
Debility	10	6
Diarrhœa	3	.....
Diphtheria	.....	6
Dropsy	2	1
" Abdominal	2	.....
" of the Brain	.....	3
" " Chest	1	.....
" " Glottis	1	.....
Disease of the Brain	1	2
" " Heart	11	1
" " Liver	.....	1
Effusion on Brain	.....	1
Epilepsy	1	.....
Erysipelas	1	.....
Enlargement of Glands	.....	1
" " Liver	1	.....
Fatty Degen. of Heart	2	.....
Fever, Rheumatic	.....	1
" Scarlet	.....	25
" Typhoid	3	3
Gangrene, Senile	1	.....
Hemorrhage, Lungs	1	.....
Heart Clot	1	1
Hooping Cough	.....	2
Hypertrophy of Heart	.....	1
Inflammat'n of Brain	1	10
" " Bronchi	2	12
" " Larynx	.....	1
" " Liver	3	.....
" " Lungs	31	16
Inflamm'n of Peric'd'm	.....	1
" " Periton'm	6	1
" " Pleura	1	.....
" " S. & Bo'ls	3	6
" " Uterus	1	.....
Inanition	.....	3
Insanity	1	.....
Intussusception	.....	1
Marasmus	1	9
Measles	.....	2
Neuralgia of the Heart	1	.....
Old Age	12	.....
Paralysis	9	.....
Premature Birth	.....	7
Pyemia	1	.....
Rheumatism, Inflam'y	2	.....
Scrofula	.....	1
Small Pox	.....	1
Softening of Brain	1	.....
" " Stomach	.....	1
Still-born	.....	18
Stric. Card. Orif. of Stom.	1	.....
Suicide	2	.....
Tabes Mesenterica	.....	1
Teething	.....	1
Tumor of Bladder	1	.....
Ulceration of Stomach	1	.....
Uræmia	1	.....
	208	196

DEATHS IN EACH WARD.	
First	23
Second	20
Third	13
Fourth	17
Fifth	6
Sixth	6
Seventh	16
Eighth	9
Ninth	8
Tenth	11
Eleventh	7
Twelfth	11
Thirteenth	10
Fourteenth	10
Fifteenth	21
Sixteenth	9
Seventeenth	19
Eighteenth	17
Nineteenth	41
Twentieth	18
Twenty-first	3
Twenty-second	8
Twenty-third	15
Twenty-fourth	13
Twenty-fifth	11
Twenty-sixth	18
Twenty-seventh	13
Twenty-eighth	12
Twenty-ninth	14

Of the above there were:	
Under 1 year	96
From 1 to 2	23
" 2 to 5	44
" 5 to 10	12
" 10 to 15	4
" 15 to 20	17
" 20 to 30	36
" 30 to 40	31
" 40 to 50	35
" 50 to 60	30
" 60 to 70	25
" 70 to 80	28
" 80 to 90	20
" 90 to 100	2
" 100 to 110	1

Nativity, &c.	
United States	306
Foreign	91
Unknown	7
From Almshouse	5
People of Color	14
Males	211
Females	193
Boys	108
Girls	88

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, February 27, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. February.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 21	29.94	30.06	30.24	30.12	27	34	33	32	67	61	61	N.W	N.W	W.	12	10	4	Clear	Fair	Clear	.....
Monday, 22	30.43	30.33	30.27	30.26	31	48	42	41	68	49	58	E.	S.	S. W	12	4	8	Fair	Fair	Clear	.....
Tuesday, 23	30.20	30.15	30.11	30.14	38	52	51	48	71	53	72	W.	S. W	S. E.	4	8	4	Fair	Fair	Cloudy	.....
Wednesday, 24	29.90	30.89	29.97	29.93	46	52	51	50	100	93	93	S. W	S. W	W.	14	14	7	Foggy	Foggy	Cloudy	.18
Thursday, 25	29.66	20.57	29.53	29.57	50	56	44	48	100	93	75	S. E.	S. W	N.W	11	9	34	Clearing	Light Rain	Cloudy	.65
Friday, 26	29.99	20.97	29.99	29.99	32	43	42	40	60	35	42	W.	W.	N.W	13	16	2	Clear	Clear	Clear	.....
Saturday, 27	29.85	29.65	29.92	29.83	30	33	27	29	78	79	53	E.	N.	N.W	12	8	16	Cloudy	Snow	Fair	.03
Means.....	.....	.....	.....	29.98	...	...	...	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.86

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, March 6, 1876.

CAUSES OF DEATH.	ADULTS.	MINORS.
Apoplexy	3	.....
Asthma	1	.....
Bright's Disease	3	.....
Burns and Scalds	1	.....
Cancer, Diffused	2	.....
" of the Breast	1	.....
" " Stomach	1	.....
" " Uterus	1	.....
Carbuncle	1	.....
Caries of the Vertebra	.....	1
Casualties	3	.....
Cerebro-spinal Meningitis	1	1
Cholera Infantum	.....	1
Cirrhosis of Liver	1	.....
Collapse of Lungs	.....	1
Congestion of the Brain	3	4
" " Lungs	1	9
Consumption of Lungs	53	6
Convulsions	1	14
Croup	.....	8
Cramps	.....	2
Cyanesis	.....	3
Debility	11	4
Diabetes	1	.....
Diarrhœa	1	1
Diphtheria	1	11
Dropsy	4	2
" Abdominal	1	.....
" of the Brain	1	8
" " Chest	1	.....
" " Heart	2	.....
" " Lungs	1	.....
Disease of the Brain	1	.....
" " Heart	10	4
" " Hip	.....	1
" " Lungs	1	.....
Drowned	1	.....
Effusion on Brain	1	2
Erysipelas	2	1
Fever, Bilious	.....	1
" Catarrhal	.....	2
" Puerperal	2	.....
" Typhoid	1	28
" Typhus	5	2
Gangrene	.....	1
Hemorrhage, Lungs	1	.....
Hooping Cough	.....	2
Hypertrophy of Heart	1	.....
Inflammat'n of Brain	2	3

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammation of Bladder	1	.....
" Bronchi	3	10
" Kidneys	.....	2
" Larynx	.....	1
" Liver	1	.....
" Lungs	23	12
" Pericardium	1	.....
" Peritoneum	4	1
" Pleura	1	.....
" S. & Bowels	6	4
" Uterus	.....	1
Inanition	2	2
Intussusception	1	.....
Intemperance	1	.....
Jaundice	2	1
Laryngismus Stridulus	.....	1
Marasmus	.....	7
Murder	1	.....
Old Age	16	.....
Paralysis	5	.....
Poisoning	2	.....
Premature Birth	.....	9
Pyemia	1	.....
Rupture of Uterus	1	.....
Softening of Brain	3	.....
Still-born	.....	19
Suffocation	1	.....
Suppuration of Int. Ear	.....	1
Tumor, Optic Thalamus	1	.....
Unknown	1	.....
Uræmia	.....	1
	208	195

DEATHS IN EACH WARD.	
First	20
Second	14
Third	7
Fourth	17
Fifth	11
Sixth	5
Seventh	25
Eighth	12
Ninth	7
Tenth	10
Eleventh	6
Twelfth	7
Thirteenth	7
Fourteenth	9
Fifteenth	14
Sixteenth	15
Seventeenth	9
Eighteenth	10
Nineteenth	43
Twentieth	18
Twenty-first	3
Twenty-second	20
Twenty-third	16
Twenty-fourth	18
Twenty-fifth	12
Twenty-sixth	24
Twenty-seventh	20
Twenty-eighth	10
Twenty-ninth	14

Of the above there were:	
Under 1 year	98
From 1 to 2	23
" 2 to 5	40
" 5 to 10	19
" 10 to 15	3
" 15 to 20	12
" 20 to 30	34
" 30 to 40	40
" 40 to 50	37
" 50 to 60	23
" 60 to 70	23
" 70 to 80	34
" 80 to 90	14
" 90 to 100	3
" 100 to 110	0

Nativity, &c.	
United States	293
Foreign	87
Unknown	23
From Almshouse	13
People of Color	23
Males	210
Females	193
Boys	105
Girls	90

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 6, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. February.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 28	30.19	30.32	30.46	30.36	17	18	19	18	67	35	42	N.W	N.	N.	18	20	7	Clear	Fair	Clear	.....
March.																					
Monday, 1	30.46	30.11	29.80	30.04	17	24	29	25	67	100	89	E.	E.	E.	12	14	4	Cloudy	Lt. Snow	Cloudy	.48
Tuesday, 2	29.78	30.00	30.20	30.07	32	42	36	36	100	65	62	N.W	N.W	N. E	0	16	8	Foggy	Fair	Clear	.06
Wednesday, 3	30.28	29.95	29.74	29.93	25	24	33	29	88	100	89	E.	E.	E.	17	24	25	Sleet	Sleet	Sleet	.29
Thursday, 4	30.12	30.27	30.30	30.29	25	31	30	29	75	78	78	N.	N.	N. E	16	12	8	Fair	Fair	Clear	.01
Friday, 5	30.43	30.33	30.22	30.30	23	28	29	27	73	88	89	E.	N. E	N. E	12	12	11	Cloudy	Lt. Snow	Sleet	.17
Saturday, 6	30.07	30.00	30.06	30.05	31	38	36	35	89	81	90	N. E	W.	W.	8	5	4	Cloudy	Cloudy	Clear	.03
Means.....	.....	.....	.....	30.15	...	...	...	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.04

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, March 13, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia	.....	1
Apoplexy	2	.....
Asphyxia	.....	1
Bright's Disease	5	.....
Burns and Scalds	.....	1
Cancer of the Breast	1	.....
" " Face	1	.....
" " Stomach	1	.....
" " Uterus	3	.....
Casualties	2	1
Cerebro-spinal Meningitis	.....	2
Cholera Morbus	1	.....
Cirrhosis of Kidneys	.....	1
" Liver	1	.....
Congestion of the Brain	3	8
" " Liver	1	1
" " Lungs	2	1
Consumption of Bowels	2	.....
" " Lungs	53	7
Convulsions	1	12
" Puerperal	1	.....
Croup	.....	8
Cyanosis	.....	2
Debility	14	9
Diarrhœa	1	2
Diphtheria	.....	9
Dropsy	3	1
" of the Brain	.....	2
" " Chest	.....	1
" " Heart	.....	1
" " Lungs	1	.....
Disease of the Brain	1	.....
" " Heart	10	.....
" " Liver	.....	1
Drowned	1	.....
Effusion on Brain	.....	1
Emphysema of Lungs	1	.....
Enlargement of Liver	1	.....
Epilepsy	1	.....
Erysipelas	1	1
Fatty Degen. of Heart	1	.....
" " Liver	1	.....
Fever, Congestive	2	.....
" Puerperal	3	.....
" Scarlet	.....	36
" Typhoid	6	1
Gangrene, Senile	1	.....
Heart Clot	1	1
Hemorrhage, Cerebral	1	.....
Hemorrhage, Lungs	2	.....
Hooping Cough	.....	1
Inflammation of Brain	.....	7
" Bronchi	2	8
" Colon	1	.....
" Kidneys	1	.....
" Larynx	.....	1
" Lungs	13	15
" Pericardium	.....	2
" Peritoneum	3	1
" Pleura	1	.....
" Spine	.....	1
" S. & Bowels	3	3
" Uterus	1	.....
Inanition	2	6
Intemperance	1	.....
Marasmus	.....	8
Measles	.....	1
Neuralgia of the Heart	1	.....
Old Age	10	.....
Paralysis	6	.....
Premature Birth	.....	5
Purpura Hemorrhagica	.....	1
Pyemia	.....	1
Rheumatism	2	.....
Rupture of Duodenum	1	.....
Softening of Brain	1	.....
Still-born	.....	21
Suicide, Hanging	1	.....
Teething	.....	3
Tetanus	1	.....
Tumor, Ovarian	1	.....
Ulceration of Bowels	.....	1
" Stomach	1	.....
Unknown	1	.....
Uræmia	2	.....
	189	198

DEATHS IN EA WARD.	
First	24
Second	18
Third	5
Fourth	22
Fifth	9
Sixth	3
Seventh	16
Eighth	8
Ninth	5
Tenth	9
Eleventh	10
Twelfth	5
Thirteenth	8
Fourteenth	10
Fifteenth	21
Sixteenth	7
Seventeenth	11
Eighteenth	12
Nineteenth	30
Twentieth	23
Twenty-first	5
Twenty-second	7
Twenty-third	12
Twenty-fourth	21
Twenty-fifth	16
Twenty-sixth	22
Twenty-seventh	26
Twenty-eighth	7
Twenty-ninth	15

Of the above there were:	
Under 1 year	98
From 1 to 2	28
" 2 to 5	34
" 5 to 10	21
" 10 to 15	7
" 15 to 20	10
" 20 to 30	45
" 30 to 40	24
" 40 to 50	32
" 50 to 60	28
" 60 to 70	18
" 70 to 80	25
" 80 to 90	12
" 90 to 100	4
" 100 to 110	1

Nativity, &c.	
United States	293
Foreign	79
Unknown	15
From Almshouse	12
People of Color	32
Males	182
Females	205
Boys	103
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 13, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. March.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 7	30.02	29.84	29.46	29.70	32	30	32	31	69	95	100	E.	E.	E.	11	20	16	Cloudy	Lt. Snow	Light Rain	.78
Monday, 8	29.72	30.02	30.19	30.03	32	37	33	34	89	62	61	N.	N.W	N.	22	20	7	Lt. Snow	Clear	Clear	.19
Tuesday, 9	30.22	30.14	30.10	30.14	26	37	36	34	64	45	70	N. E	O	O	6	0	0	Fair	Cloudy	Cloudy	.....
Wednesday, 10	29.93	29.85	29.98	29.94	36	44	36	38	80	45	53	O	N.W	N.W	0	12	7	Fair	Fair	Clear	.01
Thursday, 11	29.97	30.12	30.01	30.03	32	44	39	38	68	52	63	W.	S. W	S.	4	8	16	Cloudy	Clear	Fair	.....
Friday, 12	29.99	30.00	30.06	30.03	40	57	46	47	72	46	61	S. W	N.W	N. E	12	4	1	Clear	Fair	Clear	.....
Saturday, 13	30.00	29.96	30.14	30.06	33	33	33	33	100	95	85	E.	N. E	N. E	18	10	4	He'vy Rain	Cloudy	Clear	.30
Means.....	.....	.....	.....	29.99	...	...	...	36	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.28

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, March 20, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Liver		1
" Lungs	1	
Apoplexy	10	
Bright's Disease	7	1
Cancer, MesentericGlands	1	
" o the Pylorus	1	
" " Stomach	1	
" " Uterus	2	
Casualties	1	1
Cerebro-spinal Meningitis		3
Cholera Infantum		1
Cirrhosis of Liver	1	
Colic, Bilious	1	
Concussion of the Brain	1	
Congestion of the Brain	2	10
" " Lungs	2	3
Consumption of Lungs	42	4
Convulsions		26
" Puerperal	1	
Croup		5
Cyanosis		4
Debility	8	6
Diabetes	1	
Diarrhœa		3
Diphtheria		8
Dropsy	3	3
" of the Brain		2
" " Chest	1	
" " Heart	1	
Disease of the Brain	1	
" " Heart	13	1
" " Hip		1
" " Kidneys	1	
Drowned	2	
Embolism, Cerebral	1	
Exanthema		1
Fatty Degen. of Heart	1	
Fever, Nervous	1	
" Puerperal	3	
" Scarlet		29
" Typhoid	7	4
Fracture of Arm	1	
Gangrene, Foot	1	
Heart Clot	1	
Hemorrhage, Lungs	1	
Hypertrophy of Heart	1	
Inflammation of Brain	1	9
" Bladder	2	
" Bronchi	3	14

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammation of Kidneys		1
" Larynx		2
" Liver	1	
" Lungs	25	12
" Pericardium		1
" Peritoneum	3	
" Pleura	1	
" Spine		1
" S. & Bowels	4	2
Inanition	1	5
Intussusception	1	1
Intemperance	2	
Mania a potu	1	
Marasmus	1	10
Measles		1
Neuralgia of the Heart	2	
Old Age	2	
Obstruct'n of Duodenum	1	
Paralysis	7	
Poisoning		1
Premature Birth		6
Pyemia	3	
Shock	1	
Small-Pox		2
Sore Mouth		2
Softening of Brain	2	
Still-born		15
Suicide	2	
Syphilis		1
Tumor, Cerebral	1	
Ulceration of Bowels	1	
	101	203

DEATHS IN EACH WARD.	
First	18
Second	15
Third	10
Fourth	11
Fifth	9
Sixth	9
Seventh	16
Eighth	6
Ninth	16
Tenth	11
Eleventh	9
Twelfth	10
Thirteenth	11
Fourteenth	10
Fifteenth	16
Sixteenth	12
Seventeenth	14
Eighteenth	12
Nineteenth	35
Twentieth	17
Twenty-first	6
Twenty-second	11
Twenty-third	9
Twenty-fourth	17
Twenty-fifth	10
Twenty-sixth	18
Twenty-seventh	27
Twenty-eighth	10
Twenty-ninth	19

Of the above there were:	
Under 1 year	100
From 1 to 2	25
" 2 to 5	52
" 5 to 10	14
" 10 to 15	5
" 15 to 20	7
" 20 to 30	33
" 30 to 40	29
" 40 to 50	31
" 50 to 60	29
" 60 to 70	28
" 70 to 80	28
" 80 to 90	11
" 90 to 100	1
" 100 to 110	1

Nativity, &c.	
United States	293
Foreign	80
Unknown	21
From Almshouse	16
People of Color	20
Males	214
Females	180
Boys	106
Girls	97

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 20, 1875.

Month and Day. 1875. March.	Barometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Rel. Humidity. 7 A. M.	2 P. M.	9 P. M.	Direction of Wind. 7 A. M.	2 P. M.	9 P. M.	Vel. of Wind. 7 A. M.	2 P. M.	9 P. M.	State of Weather. 7 A. M.	2 P. M.	9 P. M.	Rain In.
Sunday, 14	30.35	30.18	30.07	30.14	30	39	34	34	100	82	90	S. W	S.	E.	4	10	6	Cloudy	Cloudy	Cloudy	.....
Monday, 15	29.87	29.63	29.51	29.63	35	46	57	48	100	100	93	E.	E.	S.	8	6	12	Foggy	Foggy	Cloudy	.21
Tuesday, 16	29.69	29.66	29.67	29.67	45	49	46	46	84	44	33	N. E	O	W.	8	0	10	Cloudy	Clearing	Cloudy	.....
Wednesday, 17	29.69	29 79	30.05	29.90	36	30	21	27	53	59	59	N.W	N.W	N.W	18	42	23	Fair	Fair	Clear	.....
Thursday, 18	30.23	30.26	30.33	30.29	18	28	28	26	52	54	67	N.W	N.W	N.W	18	25	17	Fair	Fair	Clear	.....
Friday, 19	30.35	30.29	30.24	30.28	27	32	30	30	66	50	59	W.	F.	E.	8	8	10	Fair	Cloudy	Cloudy	.....
Saturday, 20	29.86	29.66	29.75	29.75	29	29	24	26	89	89	87	E.	N. E	N. E	13	7	8	Sleet	Cloudy	Cloudy	.36
Means.....	.....	.....	.....	29.52	...	...	...	34	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.57

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, March 27, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Intra-cranial	1	.....
" Liver	1	.....
Aneurism of the Aorta	1	.....
Apoplexy	4	.....
Asthma	2	.....
Bright's Disease	1	1
Burns and Scalds	.....	1
Cancer of the Rectum	1	.....
" " Uterus	1	.....
Caries of the Vertebra	.....	1
Casualties	3	.....
Cerebro-spinal Meningitis	.....	2
Cholera Infantum	.....	2
Congestion of the Brain	2	5
" " Lungs	2	2
Consumption of Lungs	43	6
Convulsions	1	18
Croup	.....	9
Cyanosis	.....	4
Debility	10	5
Diabetes	1	.....
Diarrhœa	1	2
Diphtheria	.....	11
Dropsy	5	.....
" of the Brain	.....	1
" " Chest	3	.....
" " Heart	3	.....
Disease of the Brain	.....	1
" " Heart	6	3
" " Liver	2	.....
" " Spine	1	1
Drowned	3	.....
Dysentery	.....	1
Effusion on Brain	.....	2
Erysipelas	2	2
Exposure	.....	1
Fever, Puerperal	3	.....
" Scarlet	.....	26
" Typhoid	5	1
" Typhus	.....	1
Gangrene	1	.....
Gout, Rheumatic	1	.....
Heart Clot	1	.....
Hemorrhage, Cerebral	2	.....
" " Lungs	.....	1
" " Uterus	1	.....
Inflammat'n of Brain	1	10
" Bronchi	.....	8
" Larynx	1	1
Inflammation of Liver	2	.....
" Lungs	14	20
" Peritoneum	4	1
" Pleura	.....	1
" Spine	1	.....
" S. & Bowels	5	3
Inanition	4	7
Laryngismus Stridulus	.....	1
Marasmus	.....	9
Murder	1	.....
Neuralgia of the Heart	1	.....
Old Age	5	.....
Obstruction of Bowels	1	.....
Paralysis	4	1
Poisoning	.....	1
Premature Birth	.....	4
Purpura Hemorrhagica	1	.....
Pyemia	3	.....
Rheumatism	2	.....
" of the Heart	.....	1
Scrofula	.....	2
Shock	1	.....
Small-Pox	.....	2
Sore Mouth	.....	1
Softening of Brain	1	.....
Still-born	.....	27
Suicide	2	.....
Suffocation	1	1
Syphilis	.....	1
Teething	.....	2
Tumor, Abdominal	1	.....
	170	214

DEATHS IN EACH WARD.	
First	20
Second	15
Third	13
Fourth	9
Fifth	19
Sixth	4
Seventh	15
Eighth	11
Ninth	3
Tenth	15
Eleventh	12
Twelfth	7
Thirteenth	5
Fourteenth	5
Fifteenth	21
Sixteenth	7
Seventeenth	13
Eighteenth	19
Nineteenth	30
Twentieth	25
Twenty-first	2
Twenty-second	9
Twenty-third	8
Twenty-fourth	8
Twenty-fifth	8
Twenty-sixth	23
Twenty-seventh	22
Twenty-eighth	18
Twenty-ninth	18

Of the above there were:	
Under 1 year	27
From 1 to 2	42
" 2 to 5	23
" 5 to 10	3
" 10 to 15	6
" 15 to 20	36
" 20 to 30	29
" 30 to 40	32
" 40 to 50	17
" 50 to 60	22
" 60 to 70	22
" 70 to 80	10
" 80 to 90	2
" 90 to 100	0
" 100 to 110	

Nativity, &c.	
United States	291
Foreign	73
Unknown	20
From Almshouse	12
People of Color	25
Males	199
Females	185
Boys	117
Girls	97

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, March 27, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. March.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 21	30.22	30.19	30.31	30.26	16	26	23	22	66	51	47	N.	N.	N.W	18	24	16	Clear	Clear	Clear	.01
Monday, 22	30.22	30.19	30.31	30.26	16	26	23	22	66	51	47	N.	N.	N.	18	24	19	Clear	Clear	Clear	.....
Tuesday, 23	30.44	30.43	30.44	30.44	17	30	26	25	50	36	64	N.	E.	S.	16	7	13	Clear	Clear	Clear	.....
Wednesday, 24	30.26	30.01	29.98	30.06	29	33	35	33	89	100	90	S.	S.	N.	10	12	7	Lt. Snow	Lt. Snow	Cloudy	.11
Thursday, 25	30.15	30.24	30.37	30.28	30	34	34	33	68	43	61	N.W	N.W	S. W	18	.....	10	Fair	Fair	Clear	N.M
Friday, 26	30.35	30.09	29.90	30.06	31	42	43	40	68	58	75	S. W	S. W	S. W	6	16	10	Fair	Light Rain	Cloudy	.09
Saturday, 27	30.04	29.99	30.06	30.04	44	55	50	50	67	22	32	N.W	W.	N.W	8	13	8	Fair	Clear	Clear	.....
Means.....	.....	.....	.....	30.20	...	...	...	32	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.22

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, April 3, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Brain	1	.....
" Liver	1	.....
" Lungs	1	1
Aortic Dilatation	1	.....
Anemia	.....	1
Apoplexy	5	.....
Asthma	2	.....
Bright's Disease	5	2
Cancer of the Bowels	2	.....
" Breast	2	.....
" Liver	1	.....
" Mouth	1	.....
" Uterus	2	.....
Casualties	1	.....
Chicken Pox	.....	1
Congestion of the Brain	2	7
" " Lungs	5	3
Consumption of Lungs	45	7
Convulsions	1	10
" Puerperal	1	.....
Compression of Brain	.....	1
Croup	.....	8
Cyanosis	.....	1
Debility	7	8
Diabetes	.....	2
Diarrhœa	5	1
Diphtheria	1	7
Dropsy	1	.....
" Abdominal	3	.....
" of the Brain	.....	6
" " Heart	1	.....
" " Ovaries	1	.....
Disease of the Heart	10	3
" Kidneys	1	1
Drowned	1	.....
Dysentery	2	.....
Dyspepsia	1	.....
Effusion on Brain	.....	1
" Heart	1	.....
Enlargement of Heart	1	.....
" " Spleen	1	.....
Erysipelas	3	2
Epilepsy	1	1
Fatty Degen. of Heart	1	.....
Fever, Bilious	1	.....
" Catarrhal	.....	1
" Nervous	1	.....
" Puerperal	3	.....
" Scarlet	1	28
Fever, Typhoid	6	2
Fracture of Thigh	1	.....
Gangrene of Lungs	1	.....
Heart Clot	1	.....
Hemorrhage, Bladder	1	.....
" " Brain	1	.....
" " Lungs	1	.....
Hernia	1	.....
Hooping Cough	.....	1
Hypertrophy of Heart	2	.....
Inflammation of Brain	1	8
" Bladder	1	.....
" Bronchi	.....	11
" Kidneys	1	1
" Lungs	19	22
" Peritoneum	2	1
" S. & Bowels	3	5
Inanition	3	6
Intussusception	1	.....
Intemperance	1	.....
Jaundice	.....	1
Leucocythemia	.....	1
Marasmus	2	12
Old Age	9	.....
Obstruction of Bowels	.....	1
Paralysis	4	1
Premature Birth	.....	6
Purpura Hemorrhagica	.....	1
Pyemia	2	.....
Rheumatism	2	.....
Scrofula	.....	1
Still-born	.....	19
Spasm of Epiglottis	.....	1
Suicide, Poison	1	1
" Cutting Throat	1	.....
Suffocation	.....	1
Suppression of Urine	1	.....
Teething	.....	1
Tetanus	1	1
Uræmia	1	.....
	198	208

DEATHS IN EACH WARD.	
First	21
Second	16
Third	12
Fourth	16
Fifth	11
Sixth	1
Seventh	22
Eighth	9
Ninth	5
Tenth	10
Eleventh	9
Twelfth	12
Thirteenth	8
Fourteenth	7
Fifteenth	21
Sixteenth	10
Seventeenth	13
Eighteenth	19
Nineteenth	31
Twentieth	27
Twenty-first	6
Twenty-second	18
Twenty-third	9
Twenty-fourth	17
Twenty-fifth	12
Twenty-sixth	21
Twenty-seventh	31
Twenty-eighth	3
Twenty-ninth	9

Of the above there were:	
Under 1 year	99
From 1 to 2	33
" 2 to 5	48
" 5 to 10	15
" 10 to 15	5
" 15 to 20	8
" 20 to 30	36
" 30 to 40	33
" 40 to 50	33
" 50 to 60	33
" 60 to 70	26
" 70 to 80	23
" 80 to 90	8
" 90 to 100	6
" 100 to 110	0

Nativity, &c.	
United States	308
Foreign	84
Unknown	18
From Almshouse	14
People of Color	30
Males	208
Females	198
Boys	113
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 3, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. MARCH.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 28	30.31	30.37	30.38	30.36	40	43	39	40	40	35	56	N.	N. E	N. E	6	12	4	Clear	Fair	Cloudy	.....
Monday, 29	30.41	30.36	30.42	30.40	37	49	41	42	70	37	56	E.	E.	S. E.	6	8	4	Fair	Clear	Clear	.....
Tuesday, 30	30.42	30.37	30.41	30.40	39	58	49	49	72	32	44	E.	S.	S. W	2	4	8	Clear	Fair	Cloudy	.....
Wednesday, 31	30.45	30.42	30.49	30.46	46	59	49	51	61	43	64	E.	S.	S. E.	3	17	7	Cloudy	Cloudy	Cloudy	.....
APRIL. Thursday, 1	30.39	30.25	30.20	30.26	46	71	58	58	84	33	76	E.	S. W	S.	5	20	10	Cloudy	Fair	Fair	.....
Friday, 2	30.11	29.97	29.96	30.00	59	72	57	61	71	45	93	S. W	S. W	S. W	14	24	8	Cloudy	Cloudy	Light Rain	.12
Saturday, 3	30.03	30.06	30.10	30.07	43	46	45	45	84	54	53	N.W	N.	N.	12	12	8	Light Rain	Fair	Cloudy	.28
Means.....	.....	.....	.....	30.27	...	...	...	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.40

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, April 10, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Apoplexy	6	.....
Asthma	1	.....
Bright's Disease	2	.....
Burns and Scalds	1	.....
Cancer, Diffused	1	.....
" of the Bowels	2	.....
" " Liver	1	.....
" " Pylorus	1	.....
" " Uterus	1	.....
Casualties	2	.....
Congestion of the Brain	.....	8
" " Liver	1	.....
" " Lungs	2	5
Consumption of Lungs	48	6
Convulsions	.....	12
" Puerperal	1	.....
Croup	.....	5
Cyanosis	.....	5
Debility	12	3
Diarrhœa	.....	1
Diphtheria	1	13
Dropsy, Abdominal	1	1
" of the Brain	.....	3
" " Glottis	.....	1
" " Heart	1	1
Disease of the Heart	13	4
Effusion on Brain	1	1
Emphysema of Lungs	.....	1
Epilepsy	.....	1
Erysipelas	.....	1
Fatty Degen. of Heart	1	1
Fever, Intermittent	.....	1
" Puerperal	3	.....
" Scarlet	1	25
" Typhoid	5	1
Gangrene of Lung	1	.....
Heart Clot	1	.....
Hemorrhage, Bowels	.....	1
" Lungs	1	.....
" Uterus	1	.....
Hooping Cough	.....	1
Inflammation of Brain	2	6
" Bladder	1	.....
" Bronchi	.....	5
" Heart	1	.....
" Kidneys	1	.....
" Larynx	.....	1
" Lungs	18	17
" Pericardium	1	.....
Inflam't'n, Peritoneum	3	.....
" S. & Bowels	.....	4
Inanition	2	5
Intussusception	.....	1
Laryngismus Stridulus	.....	1
Marasmus	1	5
Old Age	15	.....
Obstruction of Bowels	2	.....
Paralysis	7	.....
Pelvic Cellulitis	1	.....
Premature Birth	.....	4
Purpura	.....	1
Pyemia	1	.....
Septicæmia	1	.....
Small-pox	1	1
Softening of Brain	1	.....
Shock	1	.....
Still-born	.....	14
Suicide, Cutting Throat	2	.....
Suffocation	.....	1
Teething	.....	2
Tumor of Liver	.....	1
Uræmia	1	1
	176	172

DEATHS IN EACH WARD.	
First	11
Second	16
Third	9
Fourth	12
Fifth	9
Sixth	5
Seventh	21
Eighth	6
Ninth	4
Tenth	15
Eleventh	8
Twelfth	8
Thirteenth	5
Fourteenth	8
Fifteenth	19
Sixteenth	11
Seventeenth	17
Eighteenth	13
Nineteenth	33
Twentieth	17
Twenty-first	4
Twenty-second	8
Twenty-third	8
Twenty-fourth	9
Twenty-fifth	8
Twenty-sixth	23
Twenty-seventh	16
Twenty-eighth	7
Twenty-ninth	18

Of the above there were:

Under 1 year	76
From 1 to 2	24
" 2 to 5	44
" 5 to 10	16
" 10 to 15	2
" 15 to 20	10
" 20 to 30	35
" 30 to 40	33
" 40 to 50	25
" 50 to 60	14
" 60 to 70	35
" 70 to 80	18
" 80 to 90	10
" 90 to 100	5
" 100 to 110	1

Nativity, &c.

United States	263
Foreign	76
Unknown	9
From Almshouse	10
People of Color	23
Males	185
Females	163
Boys	98
Girls	74

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 10, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. April.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 4	30.05	30.03	30.06	30.06	42	53	52	50	58	42	60	N. E	N.W	N. E	14	14	8	Cloudy	Fair	Clear	.....
Monday, 5	30.17	30.17	30.23	30.22	47	58	49	50	62	26	43	N.	N.	N.	18	18	13	Fair	Clear	Clear	.....
Tuesday, 6	30.42	30.30	30.31	30.34	41	56	43	46	48	40	35	N.	S. E.	S.	6	6	4	Clear	Clear	Clear	.....
Wednesday, 7	30.33	30.39	30.44	30.40	40	40	38	39	56	73	80	E.	E.	O	7	3	0	Cloudy	Cloudy	Cloudy	.....
Thursday, 8	30.37	30.20	30.14	30.21	38	53	48	46	71	61	35	O	S. W	S. W	0	1	1	Fair	Clear	Clear	.....
Friday, 9	30.18	30.14	30.06	30.11	40	47	43	43	91	77	83	E.	E.	O	2	12	0	Cloudy	Cloudy	Cloudy	N.M
Saturday, 10	30.08	30.03	30.02	30.04	43	60	54	53	91	24	55	N.	N.W	W.	12	15	10	Cloudy	Fair	Fair	.....
Means.....	.....	.....	.....	30.20	...	...	...	47	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, April 17, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Glandular	.....	1
Aneurism	1	.....
" of the Aorta	1	.....
Apoplexy	3	1
Asthma	2	.....
Bright's Disease	4	.....
Cancer of the Breast	1	.....
" " Lip	1	.....
" " Uterus	1	.....
Casualties	4	.....
Cerebro-spinal Meningitis	.....	2
Cholera Infantum	.....	2
Collapse of Lungs	.....	1
Congestion of the Brain	3	5
" " Bowels	1	.....
" " Lungs	1	1
Consumption of Lung	39	8
Convulsions	3	15
Croup	.....	4
Cyanosis	.....	1
Debility	13	4
Diabetes	1	.....
Diarrhœa	2	.....
Diphtheria	.....	9
Dropsy	2	1
" of the Brain	.....	4
" " Chest	1	.....
" " Heart	.....	1
Disease of the Brain	1	.....
" Heart	11	3
" Kidneys	1	.....
" Liver	1	.....
Drowned	3	.....
Dysentery	1	.....
Effusion on Brain	.....	1
Enlargement of Heart	1	.....
Epilepsy	1	.....
Erysipelas	4	2
Exposure	1	1
Fatty Degen. of Heart	1	.....
Fever, Bilious	1	.....
" Puerperal	1	.....
" Remittent	1	.....
" Scarlet	.....	35
" Typhoid	4	2
Feeble Heart	1	.....
Fracture of Spine	1	.....
" Thigh	1	.....
Gangrene	3	1

CAUSES OF DEATH.	ADULTS.	MINORS.
Gout, Rheumatic	1	.....
Hemorrhage, Bowels	1	.....
" Lungs	1	1
" Nose	.....	1
" Uterus	2	.....
Hooping Cough	.....	3
Hypertrophy of Heart	1	1
Inflammation of Brain	.....	10
" Bladder	1	.....
" Bronchi	2	5
" Ear	.....	1
" Kidneys	.....	1
" Larynx	.....	1
" Lungs	15	24
" Pericardium	.....	2
" Peritoneum	2	.....
" S. & Bowels	3	1
Inanition	1	3
Influenza	1	.....
Jaundice	1	1
Marasmus	2	8
Murder	1	.....
Neuralgia	.....	1
Old Age	10	.....
Paralysis	8	1
Poisoning	1	.....
Premature Birth	.....	3
Purpura Hemorrhagica	.....	1
Pyemia	1	.....
Rheumatism, Inflam'y	.....	1
Sore Mouth	.....	1
Softening of Brain	2	.....
Still-born	.....	19
Suffocation	.....	1
Tabes Mesenterica	.....	1
Teething	.....	1
Tumor, Ovarian	1	.....
" Uterus	1	.....
	182	198

DEATHS IN EACH WARD.	
First	23
Second	19
Third	14
Fourth	9
Fifth	12
Sixth	2
Seventh	24
Eighth	10
Ninth	6
Tenth	6
Eleventh	7
Twelfth	4
Thirteenth	12
Fourteenth	7
Fifteenth	25
Sixteenth	4
Seventeenth	16
Eighteenth	16
Nineteenth	32
Twentieth	14
Twenty-first	5
Twenty-second	13
Twenty-third	11
Twenty-fourth	13
Twenty-fifth	12
Twenty-sixth	26
Twenty-seventh	21
Twenty-eighth	5
Twenty-ninth	12

Of the above there were:	
Under 1 year	82
From 1 to 2	32
" 2 to 5	38
" 5 to 10	19
" 10 to 15	11
" 15 to 20	16
" 20 to 30	25
" 30 to 40	33
" 40 to 50	30
" 50 to 60	25
" 60 to 70	29
" 70 to 80	19
" 80 to 90	20
" 90 to 100	1
" 100 to 110	0

Nativity, &c.	
United States	287
Foreign	82
Unknown	11
From Almshouse	8
People of Color	19
Males	190
Females	190
Boys	102
Girls	96

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 17, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. April.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 11	29.97	29.87	29.89	29.91	50	64	56	56	72	34	56	O	S W	S. W	0	9	8	Fair	Cloudy	Cloudy	.06
Monday, 12	29.99	29.97	29.94	29.96	45	44	37	41	76	67	80	E.	E.	E.	14	24	30	Cloudy	Cloudy	Light Rain	.32
Tuesday, 13	29.73	29.66	29.71	29.70	34	35	33	34	100	90	89	E.	N.	N.	16	11	9	Sleet	Cloudy	Lt. Snow	1.02
Wednesday, 14	29.86	29.88	29.97	29.85	35	48	46	43	70	49	60	N.W	N.W	N.	10	4	4	Fair	Clear	Clear	.01
Thursday, 15	29.96	29.82	29.74	29.82	48	58	46	48	84	53	85	W.	S. W	S.	1	7	4	Cloudy	Fair	Fair	.....
Friday, 16	29.59	29.55	29.72	29.65	51	50	35	42	78	51	90	S. W	N.	N.	5	4	10	Cloudy	Clearing	Light Rain	.12
Saturday, 17	29.84	29.82	29.89	29.86	28	32	30	30	67	60	48	N.W	W.	N.W	14	14	8	Clear	Fair	Fair	.....
Means.....	.....	.....	.....	29.82	...	...	...	42	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.53

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, April 24, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Kidneys	1	.....
" Lumbar	1	.....
Anemia	.....	1
Apoplexy	5	.....
Bright's Disease	6	2
Burns and Scalds	1	2
Cancer of the Breast	2	.....
" " Bowels	1	.....
" " Stomach	1	.....
Caries of Bones of Head	.....	1
" Spine	1	.....
Cerebro-spinal Meningitis	1	.....
Child-birth	1	.....
Cholera Infantum	.....	2
Congestion of the Brain	1	3
" " Lungs	3	5
Consumption of Lungs	61	7
Convulsions	.....	11
Croup	.....	5
Cyanosis	.....	3
Debility	15	3
Degeneration of Liver	1	.....
Diphtheria	.....	11
Dropsy	1	1
" of the Brain	.....	4
" " Chest	1	.....
" " Glottis	1	.....
" " Liver	.....	1
Disease of the Brain	2	.....
" Heart	14	1
Effusion on Brain	.....	2
Emphysema	.....	1
Enlargement of Heart	1	.....
Epilepsy	.....	1
Erysipelas	1	.....
Fever, Brain	1	.....
" Puerperal	1	1
" Remittent	.....	1
" Scarlet	.....	28
" Typhoid	4	1
Gangrene	2	1
Hemorrhage, Bowels	.....	1
" Lungs	1	.....
Hooping Cough	.....	1
Hypertrophy of Heart	.....	1
Inflammation of Brain	3	12
" Bronchi	.....	5
" Liver	1	.....
" Lungs	16	11

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflam'at'n Pericardium	1	.....
" Peritoneum.	1	1
" S. & Bowels.	1	1
" Tonsils	.....	1
" Uterus	1	.....
Inanition	.....	1
Influenza	1	.....
Intussusception	.....	1
Marasmus	1	10
Murder	1	.....
Old Age	6	.....
Paralysis	9	.....
Premature Birth	.....	7
Rheumatism	1	.....
Sore Mouth	.....	1
Softening of Brain	2	.....
Still-born	.....	17
Syphilis	1	.....
Tabes Mesenterica	.....	1
Teething	.....	1
Trismus Nascentium	.....	1
Ulceration of S. & Bowels	2	.....
Uræmia	1	.....
	181	173

DEATHS IN EACH WARD.	
First	21
Second	15
Third	10
Fourth	11
Fifth	12
Sixth	3
Seventh	18
Eighth	12
Ninth	6
Tenth	10
Eleventh	7
Twelfth	6
Thirteenth	8
Fourteenth	14
Fifteenth	10
Sixteenth	4
Seventeenth	14
Eighteenth	14
Nineteenth	31
Twentieth	13
Twenty-first	8
Twenty-second	15
Twenty-third	6
Twenty-fourth	21
Twenty-fifth	10
Twenty-sixth	20
Twenty-seventh	20
Twenty-eighth	4
Twenty-ninth	11

Of the above there were:

Under 1 year	77
From 1 to 2	23
" 2 to 5	44
" 5 to 10	15
" 10 to 15	2
" 15 to 20	12
" 20 to 30	40
" 30 to 40	33
" 40 to 50	25
" 50 to 60	22
" 60 to 70	20
" 70 to 80	28
" 80 to 90	11
" 90 to 100	2
" 100 to 110	0

Nativity, &c.

United States	272
Foreign	67
Unknown	15
From Almshouse	10
People of Color	25
Males	166
Females	188
Boys	78
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, April 24, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. April.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 18	29.82	29.81	29.91	29.86	28	31	28	28	67	48	67	E.	N.W	N.W	7	9	14	Fair	Cloudy	Cloudy	.....
Monday, 19	29.94	29.85	29.84	29.87	28	39	42	36	72	39	42	W.	N.	N.W	.....	28	20	Cloudy	Fair	Fair	.....
Tuesday, 20	29.86	29.82	29.92	29.88	34	44	39	39	51	23	28	N.	N.W	N.	13	22	21	Clearing	Clear	Clear	.10
Wednesday, 21	29.99	29.94	30.03	30.00	28	42	37	36	56	20	37	N.	N.W	N. E	22	21	12	Clear	Clear	Clear	.....
Thursday, 22	30.05	29.97	29.99	30.00	33	47	43	41	60	34	50	N.W	N.	N.	17	19	16	Fair	Clear	Clear	.....
Friday, 23	29.93	29.78	29.76	29.81	40	55	50	49	56	38	51	N.W	W.	W.	13	13	4	Clear	Fair	Clear	.....
Saturday, 24	29.68	29.56	29.71	29.66	40	53	39	43	72	42	63	E.	N.W	N.	6	12	28	Clear	Threaten'g	Fair	.18
Means.....	.....	.....	.....	29.87	.....	.....	.....	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.28

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, May 1, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Lung	1	.....
Aneurism of the Aorta	1	.....
Apoplexy	7	.....
Bright's Disease	5	2
Burns and Scalds	2	1
Cancer of the Face	1	.....
" " Uteras	1	.....
Casualties	4	5
Cerebro-spinal Meningitis	.....	4
Choking	1	.....
Cholera Infantum	.....	1
Cirrhosis of Liver	2	.....
Congestion of the Brain	3	4
" " Lungs	6	2
Consumption of Bowels	1	.....
" Lungs	46	4
Convulsions	3	11
" Puerperal	3	.....
Croup	.....	10
Cyanosis	.....	2
Debility	16	6
Diarrhœa	1	.....
Diphtheria	1	12
Dropsy	1	1
" of the Brain	1	1
" " Chest	1	2
" " Heart	.....	1
" " Larynx	1	.....
Disease of the Heart	6	2
" " Liver	3	.....
" " Lungs	1	.....
Drowned	2	.....
Effusion on Brain	1	1
Embolism of Brain	1	.....
Empyema	1	.....
Enlargement of Spleen	.....	1
Epilepsy	1	.....
Erysipelas	2	2
Fever, Catarrhal	.....	1
" Puerperal	3	1
" Scarlet	1	31
" Typhoid	3	.....
Fracture of Ribs	.....	1
Gangrene	1	.....
" of Foot	1	.....
" Lung	1	.....
Hemorrhage, Bowels	.....	1
" Lungs	1	.....
" Uterus	1	.....
Hooping Cough	.....	1
Inflammation of Brain	1	8
" Bladder	1	.....
" Bronchi	.....	7
" Kidneys	.....	1
" Liver	1	.....
" Lungs	29	9
" Peritoneum	2	.....
" S. & Bowels	3	.....
" Vulva	.....	1
Inanition	2	2
Intussusception	.....	1
Intemperance	1	.....
Jaundice	1	.....
Marasmus	.....	5
Murder	1	.....
Old Age	12	.....
Paralysis	4	.....
Premature Birth	.....	4
Pyemia	2	.....
Small-pox	1	2
Softening of Brain	5	.....
Still-born	.....	11
Suffocation	1	.....
Suicide, Shooting	1	.....
Syphilis	.....	1
Tetanus	1	.....
Trismus Nascentium	.....	1
Tumor of Spleen	1	.....
" Bowels	1	.....
Uræmia	1	1
	211	163

DEATHS IN EACH WARD.	
First	8
Second	10
Third	8
Fourth	24
Fifth	21
Sixth	6
Seventh	13
Eighth	10
Ninth	5
Tenth	16
Eleventh	4
Twelfth	3
Thirteenth	5
Fourteenth	10
Fifteenth	20
Sixteenth	9
Seventeenth	6
Eighteenth	26
Nineteenth	32
Twentieth	13
Twenty-first	7
Twenty-second	8
Twenty-third	8
Twenty-fourth	17
Twenty-fifth	13
Twenty-sixth	24
Twenty-seventh	24
Twenty-eighth	7
Twenty-ninth	17

Of the above there were:

Under 1 year	67
From 1 to 2	27
" 2 to 5	35
" 5 to 10	20
" 10 to 15	6
" 15 to 20	8
" 20 to 30	45
" 30 to 40	32
" 40 to 50	24
" 50 to 60	35
" 60 to 70	30
" 70 to 80	30
" 80 to 90	12
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	266
Foreign	90
Unknown	18
From Almshouse	17
People of Color	17
Males	193
Females	181
Boys	85
Girls	78

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 1, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. MAY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 25	29.88	29.99	30.16	30.05	40	53	49	47	56	36	42	N.	N.W	N.	28	19	4	Fair	Fair	Clear	.....
Monday, 26	30.24	30.10	30.11	30.14	44	61	52	54	59	31	48	W.	N.W	S. W	4	15	2	Clear	Fair	Cloudy	.....
Tuesday, 27	30.14	30.01	29.90	29.29	48	56	47	49	55	40	77	E.	S. E.	E.	6	15	16	Fair	Cloudy	Cloudy	N.M
Wednesday, 28	29.69	29.70	29.86	29.78	44	45	47	45	92	84	70	E.	N. E	N.	24	25	12	Light Rain	Light Rain	Clear	.58
Thursday, 29	30.00	29.91	29.75	29.85	47	61	47	50	62	40	37	N.E.	S.	S.	1	14	18	Clear	Fair	Cloudy	.01
Friday, 30	29.84	29.76	29.94	29.87	49	63	57	56	63	33	30	W.	W.	N.	4	18	12	Clear	Fair	Clear	N.M
MAY. Saturday, 1	30.01	29.90	29.57	29.76	44	47	47	46	45	55	77	E.	N. E	S. E.	10	6	13	Cloudy	Cloudy	Cloudy	.01
Means.....	.....	.....	.....	29.92	...	...	...	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.60

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, May 8, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess	.....	1
" Lungs	1	.....
Abortion	1	.....
Anemia	1	.....
Apoplexy	6	1
Asthma	1	.....
Bright's Disease	5	.....
Cancer of the Breast	2	.....
" " Liver	2	.....
" " Stom. & Bo'ls.	1	.....
" " Uterus	3	.....
Casualties	4	.....
Cerebro-spinal Meningitis	.....	1
Child birth	1	.....
Cholera Infantum	.....	2
" Morbus	2	1
Cirrhosis of Liver	1	.....
Congestion of the Brain	2	11
" " Liver	1	.....
" " Lungs	2	2
Consumption of Lungs	54	11
Concussion of Brain	.....	1
Convulsions	.....	13
Croup	.....	4
Cyanosis	.....	2
Debility	16	5
Diphtheria	.....	17
Dropsy	2	1
" of the Brain	.....	2
" " Chest	.....	2
" " Heart	.....	1
" " Liver	1	.....
Disease of the Brain	1	.....
" " Heart	11	4
" " Liver	1	.....
Drowned	1	1
Dysentery	.....	1
Effusion on Brain	1	.....
Erysipelas	2	.....
Fatty Kidney	1	.....
Fever, Puerperal	3	.....
" Scarlet	.....	18
" Typhoid	7	1
Fistula, Vagina-rectal	1	.....
Fracture of Skull	1	.....
Gangrene	1	1
" of Kidney	.....	1
" " Lung	1	.....
" Senile	1	.....

CAUSES OF DEATH.	ADULTS.	MINORS.
Hemorrhage, Bowels	1	1
Hooping Cough	.....	1
Hypertrophy of Heart	1	.....
Inflammation of Brain	2	6
" Bronchi	3	3
" Kidneys	2	.....
" Lungs	18	7
" Pericardium	2	1
" Peritoneum	2	.....
" Pleura	1	.....
" Spine	1	.....
" S. & Bowels	3	5
Indigestion	.....	1
Inanition	3	8
Insanity	2	.....
Intemperance	2	.....
Locomotor Ataxy	1	.....
Malformation of Heart	.....	1
Marasmus	2	7
Old Age	7	.....
Paralysis	6	1
Premature Birth	.....	2
Pyemia	1	.....
Rheumatism	2	.....
" of the Heart	1	.....
Softening of Brain	3	.....
Still-born	.....	19
Strangulation	.....	1
Suffocation	.....	1
Suicide, Hanging	1	.....
" Shooting	1	.....
" taking slaked lime	1	.....
Teething	.....	1
Tetanus	.....	1
Ulceration of Bowels	.....	1
	211	173

DEATHS IN EACH WARD.	
First	24
Second	10
Third	8
Fourth	9
Fifth	11
Sixth	7
Seventh	10
Eighth	12
Ninth	5
Tenth	9
Eleventh	9
Twelfth	5
Thirteenth	8
Fourteenth	11
Fifteenth	29
Sixteenth	9
Seventeenth	17
Eighteenth	16
Nineteenth	33
Twentieth	26
Twenty-first	2
Twenty-second	13
Twenty-third	13
Twenty-fourth	14
Twenty-fifth	15
Twenty-sixth	19
Twenty-seventh	15
Twenty-eighth	11
Twenty-ninth	14

Of the above there were:	
Under 1 year	84
From 1 to 2	24
" 2 to 5	34
" 5 to 10	10
" 10 to 15	7
" 15 to 20	14
" 20 to 30	36
" 30 to 40	34
" 40 to 50	27
" 50 to 60	28
" 60 to 70	34
" 70 to 80	40
" 80 to 90	12
" 90 to 100	0
" 100 to 110	0

Nativity, &c.	
United States	284
Foreign	83
Unknown	17
From Almshouse	9
People of Color	24
Males	186
Females	198
Boys	95
Girls	78

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 8, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. May.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 2	29.55	29.71	29.91	29.77	53	56	46	50	54	19	32	N.W	N.W	N.W	12	28	16	Clear	Fair	Clear	.....
Monday, 3	30.02	29.94	29.91	29.94	42	54	52	50	50	26	40	W.	W.	S. W	5	20	12	Clear	Clear	Cloudy	.....
Tuesday, 4	29.74	29.76	29.87	29.81	46	42	45	44	7	83	28	E.	N.	W.	13	12	2	Light Rain	Rain	Clear	.18
Wednesday, 5	30.03	29.97	30.00	30.00	46	62	51	52	54	27	59	N.W	W.	S.	6	12	10	Clear	Clear	Clear	.....
Thursday, 6	29.82	29.74	30.80	29.79	49	57	55	51	93	81	73	S.	N.W	N.E.	11	6	6	Light Rain	Light Rain	Fair	.18
Friday, 7	29.94	30.05	30.16	30.08	41	57	53	51	67	46	67	N.	N. E	S. E.	22	12	10	Fair	Cloudy	Cloudy	.....
Saturday, 8	30.13	29.98	29.95	30.00	48	56	51	51	70	62	86	S. E.	S.	E.	6	21	8	Fair	Cloudy	Fair	.....
Means.....	.....	.....	.....	29.91	...	...	...	50	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.36

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, May 15, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lungs	2	1
Anemia	1	.....
Apoplexy	10	.....
Bright's Disease	2	.....
Burns and Scalds	1	.....
Cancer of the Arm	1	.....
" " Breast	1	.....
" " Liver	1	.....
" " Pancreas	1	.....
" " Pylorus	1	.....
" " Stomach	2	.....
Caries of the Spine	1	.....
Casualties	3	2
Cerebro-spinal Meningitis	1	3
Choking	1	.....
Cholera Infantum	.....	1
" Morbus	.....	1
Chorea	.....	1
Congestion of the Brain	6	5
" " Lungs	1	1
Consumption of Lungs	47	8
Concussion of Brain	1	.....
Convulsions	2	16
Croup	.....	5
Cyanosis	.....	1
Debility	3	5
Diabetes	1	.....
Diarrhœa	1	.....
Diphtheria	1	10
Dropsy	2	1
" Abdominal	2	.....
" of the Brain	.....	4
" " Heart	1	.....
" " Liver	1	.....
Disease of the Heart	12	2
" " Liver	1	.....
Dysentery	.....	1
Effusion on Brain	1	1
Emphysema of Lungs	1	1
Empyema	.....	1
Enlargement of Kidney	1	.....
Epilepsy	1	.....
Erysipelas	3	.....
Fever, Puerperal	2	.....
" Scarlet	.....	34
" Typhoid	5	2
Gangrene of Lungs	1	.....
" " Uterus	1	.....
Gout	1	.....
Hemorrhage, Lungs	1	.....
Hernia, Stra'g'd Femoral	1	.....
Inflammation of Brain	2	11
" Bladder	1	.....
" Bronchi	2	9
" Liver	1	.....
" Lungs	19	12
" Peritoneum	1	2
" S. & Bowels	1	4
" Uterus	1	.....
Inanition	.....	7
Jaundice	3	.....
Malformation	.....	1
Marasmus	1	13
Murder	2	1
Neuralgia of the Heart	1	.....
Old Age	7	.....
Paralysis	4	.....
Poisoning	1	.....
Premature Birth	.....	4
Rheumatism	1	.....
Scrofula	.....	2
Softening of Brain	.....	1
Spasm of Larynx	.....	1
Still-born	.....	17
Tabes Mesenterica	1	.....
Tumor of Liver	1	.....
Ulceration of S. & B'ls	1	1
Unknown	.....	1
Uræmia	.....	3
	181	197

DEATHS IN EACH WARD.	
First	22
Second	18
Third	8
Fourth	12
Fifth	6
Sixth	4
Seventh	11
Eighth	15
Ninth	8
Tenth	9
Eleventh	12
Twelfth	5
Thirteenth	7
Fourteenth	5
Fifteenth	27
Sixteenth	12
Seventeenth	8
Eighteenth	16
Nineteenth	37
Twentieth	16
Twenty-first	6
Twenty-second	13
Twenty-third	12
Twenty-fourth	19
Twenty-fifth	8
Twenty-sixth	22
Twenty-seventh	23
Twenty-eighth	8
Twenty-ninth	9

Of the above there were:	
Under 1 year	87
From 1 to 2	23
" 2 to 5	47
" 5 to 10	22
" 10 to 15	7
" 15 to 20	11
" 20 to 30	29
" 30 to 40	27
" 40 to 50	25
" 50 to 60	36
" 60 to 70	32
" 70 to 80	20
" 80 to 90	12
" 90 to 100	0
" 100 to 110	0

Nativity, &c.	
United States	297
Foreign	68
Unknown	13
From Almshouse	13
People of Color	26
Males	185
Females	193
Boys	90
Girls	107

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 15, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. MAY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 9	29.91	29.79	29.71	29.78	49	76	70	66	95	60	75	N.	S. W	S.	.....	9	12	Cloudy	Fair	Clear	.....
Monday, 10	29.64	29.75	29.90	29.80	73	64	57	62	63	67	68	W.	N.W	S. W	12	3	11	Fair	Cloudy	Clear	.01
Tuesday, 11	30.09	30.05	30.02	30.04	59	71	62	63	58	33	57	N.	N.W	S.	13	12	12	Clear	Fair	Fair	.....
Wednesday, 12	29.85	29.74	30.02	29.91	63	75	61	65	72	44	30	S. W	W.	N.W	23	22	28	Cloudy	Light Rain	Clear	.06
Thursday, 13	30.17	30.20	30.25	30.22	53	66	57	58	48	28	53	N.	S. W	S. W	7	5	8	Clear	Fair	Cloudy	.....
Friday, 14	30.28	30.18	30.15	30.19	51	69	56	58	72	19	68	E.	S.	S. E.	6	10	16	Fair	Clear	Cloudy	N.M
Saturday, 15	30.04	29.98	30.11	30.06	54	73	54	59	86	35	49	S. W	N.W	N.	4	14	14	Cloudy	Fair	Cloudy	.04
Means.....	.....	.....	.....	30.00	...	...	...	61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.11

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, May 22, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Hip Joint	1	
" Liver		1
" Psoas	1	
Anemia		1
Aneurism of the Aorta	1	
Apoplexy	5	
Asphyxia		1
Asthma	1	
Burns and Scalds	1	2
Cancer of the Breast	2	
" " Eye	1	
" " Mesentery	1	
" " Pros. Gland	1	
" " Stomach	3	
" " Uterus	1	
Casualties	1	2
Cholera Infantum		1
Congestion of the Brain	3	3
" " Bowels	1	
Consumption of Lungs	39	8
Concussion of Brain	1	
Convulsions	1	14
" Puerperal	1	
Croup		4
Cyanosis		1
Debility	9	3
Diabetes	1	
Diphtheria		7
Dropsy	3	3
" of the Brain		4
" " Chest	2	
" " Heart	1	
Disease of the Brain	1	
" " Heart	7	
" " Kidneys	1	
" " Liver		1
" " Lungs	2	
Drowned	1	1
Dysentery		1
Effusion on Brain		2
Empyema	1	
Enlargement of the Heart		1
Erysipelas	1	
Fatty Degen'at'n of Heart	1	
Fever, Puerperal	3	
" Remittent	1	
" Scarlet	1	24
" Typhoid	2	3
" Typhus		1
Gangrene, Senile	1	
Hemorrhage, Bowels	1	
" Lungs	3	
Hooping Cough		1
Inflammation of Brain	3	11
" Bronchi	3	5
" Larynx		1
" Lungs	20	16
" Peritoneum	1	2
" Spine		1
" S. & Bowels	4	2
" Trachea		1
" Uterus	1	
Inanition	3	7
Jaundice	2	
Malformation		1
Marasmus		13
Old Age	12	
Paralysis	7	
Poisoning	2	
Premature Birth		6
Purpura Hemorrhagica		1
Retention of Urine		1
Rheumatism of Heart	1	
Small-pox		1
Softening of Brain	1	
Still-born		19
Suicide, Hanging	2	
Teething		1
Tumor of Ear		1
Ulceration of Back & Leg	1	
Unknown		2
	172	182

DEATHS IN EACH WARD.	
First	18
Second	10
Third	13
Fourth	14
Fifth	8
Sixth	4
Seventh	20
Eighth	8
Ninth	10
Tenth	6
Eleventh	6
Twelfth	4
Thirteenth	6
Fourteenth	18
Fifteenth	24
Sixteenth	9
Seventeenth	10
Eighteenth	19
Nineteenth	28
Twentieth	16
Twenty-first	6
Twenty-second	7
Twenty-third	11
Twenty-fourth	17
Twenty-fifth	7
Twenty-sixth	23
Twenty-seventh	18
Twenty-eighth	5
Twenty-ninth	9

Of the above there were:	
Under 1 year	84
From 1 to 2	28
" 2 to 5	36
" 5 to 10	13
" 10 to 15	11
" 15 to 20	10
" 20 to 30	30
" 30 to 40	31
" 40 to 50	18
" 50 to 60	25
" 60 to 70	28
" 70 to 80	30
" 80 to 90	7
" 90 to 100	3
" 100 to 110	0

Nativity, &c.	
United States	277
Foreign	62
Unknown	15
From Almshouse	12
People of Color	24
Males	187
Females	167
Boys	106
Girls	76

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 22, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain
1875. May.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 16	30.22	30.17	30.28	30.24	47	60	52	52	41	15	23	N.	N.W	N. E	21	20	12	Clear	Clear	Clear	.....
Monday, 17	30.32	30.26	30.24	30.23	49	62	53	54	37	22	30	N.	N. E	S.	15	4	7	Clear	Fair	Clear	.....
Tuesday, 18	30.22	30.14	30.16	30.17	50	61	53	54	78	21	43	E.	N. E	S. W	6	17	10	Fair	Fair	Fair	.....
Wednesday, 19	30.11	30.04	30.09	30.08	49	63	58	57	63	28	48	W.	S. W	S. W	11	16	9	Fair	Cloudy	Cloudy	.....
Thursday, 20	30.04	29.92	29.73	29.97	59	79	68	68	54	20	38	W.	S. W	S. W	16	23	10	Fair	Fair	Fair	.....
Friday, 21	30.02	29.92	29.96	29.95	62	85	73	73	61	26	45	S. W	S. W	S. W	6	16	0	Clear	Fair	Fair	.....
Saturday, 22	29.94	29.89	29.91	29.91	69	84	75	76	70	38	64	W.	N.W	E.	4	8	4	Fair	Fair	Cloudy	.01
Means.....	.....	.....	.....	30.08	...	...	...	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, May 29, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Apoplexy	2	.....
Asphyxia	.....	1
Asthma	1	.....
Bright's Disease	4	2
Cancer of the Breast	1	.....
" " Ovaries	1	.....
" " Uterus	4	.....
Casualties	4	.....
Cerebro-spinal Meningitis	.....	2
Cholera Infantum	.....	5
Congestion of the Brain	3	5
" " Lungs	4	.....
Consumption of Bowels	1	.....
" of Lungs	38	4
Convulsions	2	13
" Puerperal	1	.....
Croup	.....	9
Curvature of Spine	.....	1
Cyanosis	.....	3
Debility	4	4
Diabetes	2	.....
Diarrhœa	1	.....
Diphtheria	.....	11
Dropsy	2	1
" of the Brain	.....	3
" " Chest	2	.....
" " Heart	.....	1
" " Liver	1	.....
Disease of the Brain	2	1
" " Heart	11	2
" " Liver	1	.....
Drowned	3	.....
Dysentery	3	.....
Effusion on Brain	.....	2
" into Pericardium	1	.....
Embolism, Cerebral	1	.....
Enlargement of Prostate	1	.....
Epilepsy	.....	1
Erysipelas	.....	1
Fever, Brain	.....	2
" Intermittent	1	.....
" Nervous	.....	1
" Puerpural	.....	1
" Scarlet	1	26
" Typhoid	4	1
" Typhus	1	.....
Fracture of Ischium	1	.....
" of Toe	.....	1
Gangrene of Foot	1	.....
Gangrene of Leg	1	.....
Hemorrhage, Bowels	2	1
" Brain	1	.....
Hernia	1	.....
Hooping Cough	.....	1
Inflammation of Brain	2	18
" Bladder	3	.....
" Bronchi	4	3
" Kidneys	1	.....
" Larynx	.....	1
" Liver	1	1
" Lungs	14	9
" Pericardium	1	.....
" Peritoneum	.....	1
" Spine	2	.....
" S. & Bowels	.....	7
" Uterus	1	.....
Inanition	2	7
Mania a potu	1	.....
Marasmus	.....	8
Murder	1	.....
Old Age	18	.....
Obstruction of Bowels	1	.....
Paralysis	8	.....
Premature Birth	.....	6
Rheumatism of Heart	1	.....
Softening of Brain	2	.....
" of Spine	1	.....
Still-born	.....	17
Suicide, Hanging	1	.....
" Laudanum	1	.....
" Shooting	1	.....
Tumor, Ovarian	1	.....
Ulceration of Stomach	1	.....
Unknown	.....	1
Uræmia	3	.....
	187	185

DEATHS IN EACH WARD.	
First	12
Second	17
Third	8
Fourth	10
Fifth	5
Sixth	7
Seventh	12
Eighth	18
Ninth	7
Tenth	8
Eleventh	4
Twelfth	4
Thirteenth	7
Fourteenth	9
Fifteenth	19
Sixteenth	11
Seventeenth	9
Eighteenth	18
Nineteenth	53
Twentieth	23
Twenty-first	2
Twenty-second	13
Twenty-third	10
Twenty-fourth	17
Twenty-fifth	8
Twenty-sixth	21
Twenty-seventh	23
Twenty-eighth	5
Twenty-ninth	12

Of the above there were:	
Under 1 year	89
From 1 to 2	23
" 2 to 5	37
" 5 to 10	19
" 10 to 15	6
" 15 to 20	11
" 20 to 30	34
" 30 to 40	28
" 40 to 50	31
" 50 to 60	27
" 60 to 70	17
" 70 to 80	34
" 80 to 90	11
" 90 to 100	5
" 100 to 110	0

Nativity, &c.	
United States	280
Foreign	76
Unknown	16
From Almshouse	12
People of Color	15
Males	200
Females	172
Boys	104
Girls	81

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, May 29, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. MAY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 23	29.94	29.92	29.95	29.94	73	84	77	78	80	40	52	N.	E.	S.	11	4	4	Cloudy	Clear	Clear	.....
Monday, 24	29.98	29.91	29.91	29.93	69	82	69	72	79	52	84	S. W	S. W	S.	2	19	16	Fair	Fair	Cloudy	.....
Tuesday, 25	29.82	29.74	29.77	29.57	65	68	66	66	94	94	94	S. E.	E.	E.	6	6	11	Light Rain	Clearing	Cloudy	.87
Wednesday, 26	29.82	29.87	29.99	29.92	69	81	74	75	79	52	59	N.	E.	N. E	7	10	6	Clear	Fair	Cloudy	.....
Thursday, 27	30.21	30.20	30.24	30.22	64	75	66	68	52	36	45	E.	E.	S.	16	7	7	Clear	Fair	Clear	.....
Friday, 28	30.25	30.12	30.06	30.12	64	78	69	70	52	29	52	S. W	S. W	S. W	3	12	8	Clear	Clear	Clear	.....
Saturday, 29	29.97	29.86	29.89	29.90	61	82	72	72	77	35	58	S. W	W.	N.	7	14	8	Clear	Clear	Clear	.....
Means.....	.....	.....	.....	29.94	...	...	...	71	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.87

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, June 5, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Lumbar	.....	1
" Lungs	1	.....
" Neck	1	.....
Aneurism of the Aorta	2	.....
Apoplexy	7	.....
Asphyxia	.....	1
Bright's Disease	1	.....
Burns and Scalds	1	1
Cancer of the Kidney	1	.....
Casualties	2	.....
Cerebro-spinal Meningitis	1	2
Cholera Infantum	.....	3
" Morbus	1	.....
Compression of Brain	.....	1
Congestion of the Brain	1	3
" " Liver	1	.....
Consumption of Lungs	36	6
Concussion of Spine	1	.....
Convulsions	2	23
Cramps	.....	1
Croup	.....	4
Cyanosis	.....	3
Debility	9	2
Diarrhœa	2	1
Diphtheria	.....	9
Dropsy	2	3
" Abdominal	3	.....
" of the Brain	.....	3
" " Chest	.....	1
Disease of the Heart	5	2
" " Spine	1	.....
Drowned	2	3
Dysentery	1	.....
Effusion on Brain	.....	1
" into Pericardium	1	.....
Epilepsy	1	1
Erysipelas	1	2
Fever, Brain	1	.....
" Catarrhal	.....	1
" Scarlet	.....	28
" Typhoid	2	1
Fracture of Spine	1	.....
Gangrene	.....	1
Hemorrhage, Bowels	.....	1
" Internal	1	.....
" Lungs	.....	1
Hernia, Strangulated	1	.....
Inflammation of Brain	1	10
" Bladder	1	.....
Inflamm'n of Bronchi	.....	5
" Kidneys	1	.....
" Lungs	10	3
" Pericardium	1	1
" S. & Bowels	2	1
Inanition	3	3
Malformation of Bowels	.....	1
Marasmus	1	12
Murder	2	.....
Old Age	5	.....
Paralysis	1	1
Poisioning, Narcotic	1	.....
Premature Birth	.....	13
Pyemia	.....	1
Rheumatism	3	.....
Still-born	.....	11
Suicide, Hanging	1	.....
Syphilis	2	1
Tetanus	.....	1
Uræmia	2	2
	130	176

DEATHS IN EACH WARD.	
First	14
Second	14
Third	13
Fourth	12
Fifth	7
Sixth	4
Seventh	14
Eighth	4
Ninth	2
Tenth	7
Eleventh	7
Twelfth	2
Thirteenth	10
Fourteenth	8
Fifteenth	15
Sixteenth	8
Seventeenth	17
Eighteenth	6
Nineteenth	31
Twentieth	26
Twenty-first	12
Twenty-second	4
Twenty-third	7
Twenty-fourth	8
Twenty-fifth	2
Twenty-sixth	13
Twenty-seventh	23
Twenty-eighth	6
Twenty-ninth	10

Of the above there were:

Under 1 year	74
From 1 to 2	19
" 2 to 5	35
" 5 to 10	27
" 10 to 15	8
" 15 to 20	13
" 20 to 30	26
" 30 to 40	19
" 40 to 50	25
" 50 to 60	20
" 60 to 70	19
" 70 to 80	14
" 80 to 90	7
" 90 to 100	0
" 100 to 110	0

Nativity, &c.

United States	227
Foreign	57
Unknown	22
From Almshouse	20
People of Color	18
Males	150
Females	156
Boys	85
Girls	91

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, June 5, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. MAY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 30	30.03	29.96	30.03	30.01	59	75	69	68	59	26	35	N.	N.	N.	23	16	12	Clear	Clear	Fair	.....
Monday, 31	30.11	30.03	30.12	30.09	62	76	64	66	61	34	48	E.	E.	S. W	8	5	10	Clear	Clear	Clear	.....
JUNE.																					
Tuesday, 1	30.17	30.14	30.23	30.19	63	75	58	64	61	36	76	E.	S.	S. E.	2	10	6	Clear	Fair	Clear	.....
Wednesday, 2	30.22	30.18	30.19	30.19	55	65	60	60	86	63	76	S.	S. W	S.	3	6	10	Cloudy	Cloudy	Cloudy	.....
Thursday, 3	30.19	30.15	30.19	30.18	59	68	62	63	82	56	61	S. E.	S. W	S.	5	10	10	Cloudy	Cloudy	Cloudy	N.M
Friday, 4	30.21	30.15	30.19	30.18	62	78	71	71	71	39	62	W.	N.	S.	3	6	12	Clear	Clear	Clear	.....
Saturday, 5	30.21	30.10	30.09	30.12	64	80	69	70	89	40	90	S. W	S. W	S. W	5	16	16	Clear	Cloudy	Light Rain	.10
Means.....	.....	.....	.....	30.12	...	...	...	66	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, June 12, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Parotid Gland	1	.....
" Psoas	1	.....
Apoplexy	3	.....
Bright's Disease	3	1
Burns and Scalds	.....	3
Cancer of the Brain	.....	1
" " Face	1	.....
" " Stomach	1	.....
" " Testis	1	.....
" " Uterus	1	.....
Casualties	5	2
Cerebro-spinal Meningitis	.....	2
Cholera Infantum	.....	9
" Morbus	1	1
Cirrhosis of Liver	1	.....
Congestion of the Brain	2	5
" " Lungs	1	1
Consumption of Lungs	38	6
Concussion of Brain	1	.....
Convulsions	.....	23
Croup	.....	10
Cyanosis	.....	1
Debility	4	4
Diabetes	1	.....
Diarrhœa	1	1
Diphtheria	1	18
Dropsy	4	2
" Abdominal	2	.....
" of the Brain	.....	1
" " Chest	1	1
" " Heart	1	.....
" " Pericardium	.....	1
Disease of the Brain	1	.....
" " Heart	13	1
" " Liver	1	.....
Drowned	3	.....
Effusion on Brain	.....	1
Embolism, Cerebral	1	1
Epilepsy	1	.....
Erysipelas	.....	1
Exposure	2	.....
Fever, Gastric	.....	2
" Puerperal	2	1
" Scarlet	.....	26
" Typhoid	2	1
" Typhus	1	.....
Gangrene of Arm	1	.....
Hemorrhage, not specified	.....	1
" of Lungs	1	.....
Hemorrhage, Stomach	1	.....
" Uterus	2	.....
Hernia, Strangulated	1	.....
Hooping Cough	.....	5
Inflammation of Brain	5	7
" Bronchi	1	2
" Heart	1	1
" Larynx	.....	1
" Liver	1	1
" Lungs	9	2
" Pericardium	1	.....
" Peritoneum	1	.....
" Spine	1	.....
" S. & Bowels	3	1
Inanition	1	6
Locomotor Ataxia	1	.....
Malformation	.....	1
Marasmus	2	9
Measles	.....	1
Monomania	1	.....
Murder	.....	1
Old Age	7	.....
Paralysis	6	.....
Premature Birth	.....	6
Rheumatism	1	.....
Rupture of Blood Vessel	.....	1
Septicæmia	1	.....
Softening of Brain	5	.....
Still-born	.....	13
Spina Bifida	.....	1
Suffocation	1	.....
Suicide, Shooting	1	.....
Tetanus	.....	1
Tumor, Ovarian	1	.....
Ulceration of Mouth	.....	1
Unknown	.....	7
	160	196

DEATHS IN EACH WARD.	
First	12
Second	17
Third	3
Fourth	8
Fifth	8
Sixth	6
Seventh	18
Eighth	8
Ninth	4
Tenth	10
Eleventh	6
Twelfth	5
Thirteenth	9
Fourteenth	9
Fifteenth	23
Sixteenth	8
Seventeenth	11
Eighteenth	12
Nineteenth	40
Twentieth	19
Twenty-first	12
Twenty-second	9
Twenty-third	4
Twenty-fourth	13
Twenty-fifth	7
Twenty-sixth	30
Twenty-seventh	24
Twenty-eighth	7
Twenty-ninth	9

Of the above there were:

Under 1 year	60
From 1 to 2	27
" 2 to 5	50
" 5 to 10	23
" 10 to 15	11
" 15 to 20	5
" 20 to 30	33
" 30 to 40	33
" 40 to 50	17
" 50 to 60	24
" 60 to 70	19
" 70 to 80	18
" 80 to 90	14
" 90 to 100	1
" 100 to 110	1

Nativity, &c

United States	280
Foreign	59
Unknown	17
From Almshouse	16
People of Color	24
Males	190
Females	166
Boys	103
Girls	93

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, June 12, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. June.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 6	29.97	29.93	29.90	29.93	68	75	73	72	94	68	81	S. W	N.	S. W	6	14	4	Cloudy	Cloudy	Cloudy	N. M
Monday, 7	29.76	29.76	29.94	29.85	71	67	60	65	85	90	70	S. W	W.	N.	10	14	12	Cloudy	Light Rain	Cloudy	.54
Tuesday, 8	30.10	30.12	30.19	30.15	60	71	64	64	70	58	73	N. W	S.	S. E.	4	3	4	Fair	Fair	Cloudy	.....
Wednesday, 9	30.18	30.17	30.10	30.13	60	64	58	59	87	82	87	E.	E.	N. E	13	20	12	Cloudy	Threaten'g	Cloudy	.03
Thursday, 10	30.09	30.04	30.08	30.07	60	75	72	70	76	52	67	N. E	N. E	S. W	12	6	4	Cloudy	Fair	Clear	.01
Friday, 11	30.16	30.10	30.12	30.12	61	83	67	70	94	40	74	E.	S. E.	S. W	4	4	10	Fair	Fair	Clear	.....
Saturday, 12	30.04	29.89	29.86	29.91	59	77	70	69	94	57	79	S.	S. W	S. W	10	16	8	Cloudy	Fair	Fair	.....
Means.....	.....	.....	.....	30.02	...	...	...	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.58

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, June 19, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Liver	1	1
Amputation of Arm	1	.....
Anemia	1	.....
Aneurism of the Aorta	1	.....
Apoplexy	2	.....
Asthma	1	.....
Bright's Disease	6	.....
Burns and Scalds	.....	1
Cancer of the Breast	2	.....
" " Pylorus	1	.....
" " Rectum	1	.....
" " Stomach	1	.....
" " Uterus	2	.....
Casualties	2	3
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	11
" Morbus	1	1
Congestion of the Brain	3	5
" " Lungs	2	3
Consumption of Lungs	32	7
Convulsions	.....	15
Croup	.....	12
Debility	6	2
Diarrhœa	1	.....
Diphtheria	.....	13
Dropsy	2	.....
" of the Brain	.....	2
" " Chest	1	1
Disease of the Brain	1	.....
" " Heart	5	2
" " Kidneys	1	.....
Drowned	3	2
Dysentery	.....	1
Effusion on Brain	.....	1
Embolism, Cerebral	1	.....
Erysipelas	1	.....
Fatty Degen'at'n of Heart	2	.....
Fever, Malarial	1	.....
" Puerperal	1	.....
" Scarlet	.....	38
" Typhoid	8	1
" Typhus	1	.....
Gangrene of Foot	1	.....
Hemorrhage, Lungs	2	.....
Hooping Cough	.....	4
Inflammation of Brain	1	6
" Bronchi	.....	4
" Heart	1	.....
" Liver	1	.....
Inflammation of Lungs	4	10
" Peritoneum	2	1
" Pleura	1	.....
" S. & Bowels	.....	4
Inanition	.....	4
Insanity	1	.....
Mania a potu	1	.....
Marasmus	.....	15
Measles	.....	1
Old Age	9	.....
Paralysis	3	1
Poisoning, Narcotic	1	1
Premature Birth	.....	5
Purpura Hemorrhagica	1	.....
Pyemia	1	1
Rheumatism	1	1
Sclerosis, Cerebral	1	.....
" Spinal Cord	1	.....
Septicæmia	1	.....
Small-pox	1	.....
Still-born	.....	16
Suicide	1	.....
Syphilis	1	.....
Trismus Nascentium	.....	1
Tumor, Abdominal	1	.....
" Brain	1	.....
" Ovarian	1	.....
Ulceration, Throat	.....	1
	135	199

DEATHS IN EACH WARD.	
First	20
Second	8
Third	7
Fourth	8
Fifth	6
Sixth	7
Seventh	16
Eighth	7
Ninth	7
Tenth	13
Eleventh	11
Twelfth	4
Thirteenth	5
Fourteenth	7
Fifteenth	16
Sixteenth	12
Seventeenth	9
Eighteenth	15
Nineteenth	41
Twentieth	11
Twenty-first	21
Twenty-second	9
Twenty-third	9
Twenty-fourth	17
Twenty-fifth	6
Twenty-sixth	13
Twenty-seventh	14
Twenty-eighth	5
Twenty-ninth	10

Of the above there were:	
Under 1 year	80
From 1 to 2	28
" 2 to 5	48
" 5 to 10	26
" 10 to 15	5
" 15 to 20	12
" 20 to 30	26
" 30 to 40	24
" 40 to 50	25
" 50 to 60	16
" 60 to 70	16
" 70 to 80	13
" 80 to 90	12
" 90 to 100	3
" 100 to 110	0

Nativity, &c.	
United States	270
Foreign	55
Unknown	9
From Almshouse	8
People of Color	18
Males	180
Females	154
Boys	107
Girls	92

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, June 19, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. June.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 13	30.02	30.07	30.07	30 01	54	63	61	60	54	37	40	N.	N.W	N. E	20	17	9	Clear	Clear	Clear	.55
Monday, 14	30.15	30.01	30.05	30.06	57	68	65	64	40	30	39	N.	W.	S. W	7	10	5	Clear	Clear	Clear	.....
Tuesday, 15	30.02	29.95	29.91	29.94	63	75	68	69	51	33	56	N. E	W.	S. W	4	7	8	Clear	Clear	Fair	.....
Wednesday, 16	29.88	29.86	29.19	29.89	64	78	68	69	78	25	55	E.	N. E	S. W	6	7	10	Fair	Fair	Clear	.....
Thursday, 17	30.01	29.94	29.96	29.97	68	81	69	72	70	29	52	E.	S. W	S.	5	11	12	Clear	Fair	Fair	.....
Friday, 18	29.80	29.80	29.88	29.84	65	66	62	64	94	68	61	W.	N.W	N. E	7	25	17	Cloudy	Clearing	Clear	.17
Saturday, 19	29.93	29.92	30.04	29.98	61	76	69	69	44	34	56	N.W	N.W	N. E	18	18	4	Fair	Fair	Clear	.01
Means.....	.....	.....	.....	29.96	...	...	...	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.73

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, June 26, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Syphilitic		1
" Kidney	1	
" Mouth		1
" Prostate	1	
Anthritis of Knee-joint		1
Apoplexy	4	
Bright's Disease	1	2
Burns and Scalds		2
Cancer of the Breast	1	
" " Stomach	1	
" " Uterus	2	
Casualties	4	2
Cerebro-spinal Meningitis	1	4
Cholera Infantum		28
Cirrhosis of Liver	2	
Congestion of the Brain	2	5
" " Lungs	1	1
Consumption of Lungs	24	2
Convulsions	1	12
" Puerperal	1	
Cramps		1
Croup		8
Cyanosis		2
Debility	8	4
Diphtheria		8
Dropsy	2	
" Abdominal	1	
" of the Heart	1	
Disease of Heart	10	1
Drowned	2	4
Effusion on Brain		1
Fatty Degen'at'n of Heart	1	
Fever, Puerperal	4	
" Scarlet		35
" Typhoid	5	2
" Typhus	1	
Hemorrhage, Lungs	4	
" Uterus	1	
Hooping Cough		2
Hypertrophy of Brain	2	
Inflammation of Brain	1	8
" Bronchi		2
" Heart	1	
" Larynx	1	
" Liver	1	
" Lungs	6	8
" Peritoneum	3	
" S. & Bowels	5	7
Inanition		6
Intemperance	1	
Jaundice		1
Malformation		1
Mania a potu	2	
Marasmus		16
Murder	1	
Necrosis of Bones of Foot	1	
Old Age	13	
Obstruction of Bowels	1	
Paralysis	5	
Poisoning, Coros. Subl'e		1
Premature Birth		5
Pyemia	2	1
Rheumatism	2	
Still-born		10
Tabes Mesenterica		1
Teething		1
Trismus Nascentium		1
Tumor of Brain	1	
	136	198

DEATHS IN EACH WARD.	
First	9
Second	16
Third	8
Fourth	12
Fifth	8
Sixth	6
Seventh	9
Eighth	11
Ninth	5
Tenth	2
Eleventh	6
Twelfth	8
Thirteenth	10
Fourteenth	7
Fifteenth	12
Sixteenth	13
Seventeenth	11
Eighteenth	18
Nineteenth	34
Twentieth	17
Twenty-first	12
Twenty-second	4
Twenty-third	8
Twenty-fourth	11
Twenty-fifth	9
Twenty-sixth	27
Twenty-seventh	24
Twenty-eighth	3
Twenty-ninth	14

Of the above there were:

Under 1 year	93
From 1 to 2	15
" 2 to 5	42
" 5 to 10	34
" 10 to 15	8
" 15 to 20	6
" 20 to 30	31
" 30 to 40	21
" 40 to 50	11
" 50 to 60	19
" 60 to 70	20
" 70 to 80	21
" 80 to 90	10
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	271
Foreign	50
Unknown	13
From Almshouse	17
People of Color	20
Males	172
Females	162
Boys	99
Girls	99

Meteorological Observations taken at the Signal Office, Philadelphia.

DURING THE

Week Ending Saturday, June 26, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. JUNE.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 20	30.10	30.18	30.20	30.19	64	78	68	69	48	25	56	N.	W.	S. W	6	7	8	Clear	Fair	Clear	.....
Monday, 21	30.22	30.11	30.11	30.14	65	81	70	72	48	25	56	W.	W.	S. W	1	9	8	Clear	Clear	Clear	.....
Tuesday, 22	30.10	30.00	30.00	30.02	63	83	72	72	94	53	80	S. W	S. W	S.	5	20	14	Cloudy	Fair	Fair	.....
Wednesday, 23	29.97	29.94	29.97	29.96	71	85	76	77	90	53	11	S. W	S. W	S. W	7	7	9	Light Rain	Fair	Fair	.01
Thursday, 24	30.04	29.97	29.94	29.97	73	92	82	82	90	45	67	W.	S. W	S. W	5	9	8	Fair	Clear	Clear	.....
Friday, 25	29.90	29.93	29.97	29.96	79	94	84	83	78	41	64	W.	W.	W.	12	11	4	Fair	Fair	Fair	.....
Saturday, 26	30.02	29.92	29.92	29.94	78	93	81	83	82	46	74	E.	W.	S. W	5	9	8	Fair	Fair	Fair	.....
Means.....	.....	.....	.....	30.02	...	...	...	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.01

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, July 3, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Abdominal	1	.....
" Brain	1	.....
" Cervical	.....	1
" Hip	1	.....
Anemia	1	1
Asthma	2	.....
Aneurism, Abdominal	1	.....
Apoplexy	10	1
Bright's Disease	3	3
Burns and Scalds	1	2
Caries of the Spine	1	1
Cancer of the Breast	1	.....
" " Stomach	3	.....
" " Ovary	1	.....
" " Uterus	1	.....
Casualties	6	.....
Cerebro-spinal Meningitis	.....	1
Child bed	1	.....
Choking	1	.....
Cholera Infantum	.....	83
" Morbus	1	.....
Cirrhosis of Liver	3	.....
Congestion of the Brain	9	11
" " Lungs	1	1
Consumption of Lungs	26	3
Convulsions	.....	30
Cramps	.....	1
Croup	.....	4
Cyanosis	.....	3
Debility	6	8
Diabetes	.....	1
Diarrhœa	2	3
Diphtheria	.....	16
Dropsy	1	1
" Abdominal	2	.....
" of the Brain	.....	7
" " Chest	.....	1
" " Pericardium	.....	1
Disease of the Brain	3	.....
" " Heart	16	.....
" " Liver	1	.....
" " Spine, Pott's	.....	1
" " Stomach	.....	1
Drowned	4	3
Dysentery	1	1
Effusion on Brain	1	2
Erysipelas	3	1
Enlargement of the Heart	.....	1
Embolism, femoral artery	1	.....
Fever, Remittent	.....	1
" Scarlet	2	42
" Typhoid	6	2
Hemorrhage, Uterus	1	.....
Hooping Cough	.....	1
Inflammat'n of Brain	2	13
" Bronchi	1	3
" Heart	1	1
" Kidneys	1	.....
" Lungs	6	4
" Peritoneum	7	1
" Pleura	3	.....
" Prostate	1	.....
" S. & Bowels	2	9
" Tonsils	.....	1
" Uterus	1	.....
Inanition	4	7
Locomotor Ataxy	1	.....
Mania a potu	1	.....
Marasmus	1	23
Measles	.....	1
Neuralgia	1	.....
" of the Heart	1	.....
Old Age	10	.....
Obstruction of Bowels	1	1
Paralysis	5	1
Poisoning, Narcotic	1	.....
Premature Birth	.....	8
Purpura Hemorrhagica	1	.....
Rheumatism of Heart	1	.....
Scrofula	1	.....
Shock	1	.....
Small-pox	1	.....
Softening of Brain	3	.....
Still-born	.....	15
Suffocation	.....	2
Suicide, Drowning	1	.....
" Hanging	1	.....
" Laudanum	1	.....
Sun-Stroke	17	.....
Teething	.....	1
Tetanus, Traumatic	.....	1
Trismus Nascentium	.....	1
Ulceration of the Throat	.....	1
Uræmia	1	1
	206	335

DEATHS IN EACH WARD.	
First	27
Second	23
Third	15
Fourth	23
Fifth	8
Sixth	13
Seventh	22
Eighth	16
Ninth	8
Tenth	15
Eleventh	15
Twelfth	8
Thirteenth	7
Fourteenth	10
Fifteenth	26
Sixteenth	14
Seventeenth	16
Eighteenth	23
Nineteenth	57
Twentieth	29
Twenty-first	20
Twenty-second	7
Twenty-third	10
Twenty-fourth	16
Twenty-fifth	16
Twenty-sixth	46
Twenty-seventh	33
Twenty-eighth	6
Twenty-ninth	12

Of the above there were:

Under 1 year	182
From 1 to 2	48
" 2 to 5	56
" 5 to 10	32
" 10 to 15	8
" 15 to 20	9
" 20 to 30	46
" 30 to 40	33
" 40 to 50	32
" 50 to 60	33
" 60 to 70	30
" 70 to 80	19
" 80 to 90	12
" 90 to 100	0
" 100 to 110	0

Nativity, &c.

United States	426
Foreign	103
Unknown	12
From Almshouse	17
People of Color	31
Males	304
Females	337
Boys	185
Girls	150

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 3, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. JUNE.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 27	29.95	29.87	29.87	29.89	77	92	84	84	82	48	57	W.	S. W	W.	5	15	5	Fair	Fair	Cloudy	.....
Monday, 28	29.89	29.90	29.99	29.94	79	89	79	81	79	53	96	W.	N.W	N.W	11	16	1	Clear	Threaten'g	Cloudy	1.23
Tuesday, 29	30.13	30.06	30.70	30.08	68	80	68	71	90	70	94	E.	E.	N. E	13	12	6	Cloudy	Fair	He'vy Rain	.88
Wednesday, 30	30.07	30.04	30.04	30.05	71	83	77	77	90	56	76	W.	N.W	S. W	5	9	8	Cloudy	Fair	Clear	.60
JULY. Thursday, 1	30.08	30.09	30.15	30.11	78	78	73	78	57	39	52	N.W	N.	N.W	5	20	4	Fair	Fair	Fair	.....
Friday, 2	30.22	30.15	30.14	30.16	67	74	69	70	50	35	60	N. E	S.	W.	9	8	6	Fair	Fair	Clear	.....
Saturday, 3	30.13	30.14	30.13	30.13	68	76	68	70	69	34	60	S.	S.	S. E.	4	12	9	Clear	Fair	Cloudy	.....
Means.....	.....	.....	.....	30.05	...	...	...	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.71

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, July 10, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia	.....	1
Apoplexy	6	.....
Burns and Scalds	2	.....
Cancer, Stomach	3	.....
" Jaw	1	.....
" Uterus	1	.....
Casualties	4	3
Cholera Infantum	.....	92
" Morbus	4	2
Cirrhosis of Liver	3	.....
Congestion of the Brain	4	8
" " Lungs	1	2
" " Stomach	1	.....
Consumption of Lungs	21	12
Convulsions	2	19
Cramps	.....	1
Croup	.....	5
Cyanosis	.....	1
Debility	6	10
Diarrhœa	.....	4
Diphtheria	.....	9
Dropsy	3	1
" of the Chest	.....	1
Disease of the Heart	2	1
" " Lungs	.....	1
" " Spine	1	.....
Drowned	2	2
Dysentery	.....	2
Effusion on Brain	1	.....
Epilepsy	1	.....
Erysipelas	1	.....
Enlargement of Spleen	1	.....
Emphysema of Lungs	1	.....
Fever, Scarlet	.....	40
" Typhoid	4	1
Hemorrhage of Lungs	2	.....
" " Bowels	1	.....
Hernia	1	.....
Hooping Cough	.....	2
Hypertrophy of Heart	.....	1
Inflammat'n of Brain	.....	10
" Bladder	2	.....
" Bronchi	.....	2
" Heart	1	.....
" Larynx	.....	1
" Liver	3	1
" Lungs	5	3
" Peritoneum	1	1
" S. & Bowels	6	7

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammat'n of Uterus	1	.....
Inanition	3	8
Intemperance	3	.....
Leucocythemia	1	.....
Marasmus	.....	16
Murder	1	.....
Neuralgia of the Heart	2	.....
Old Age	4	.....
Obstruction of Bowels	1	.....
Paralysis	5	.....
Premature Birth	.....	8
Pyemia	2	.....
Scrofula	.....	2
Sore Mouth	.....	1
" Throat	.....	1
Softening of Brain	1	.....
Spina Bifida	.....	1
Still-born	.....	12
Suicide	3	.....
Syphilis	1	.....
Uræmia	1	.....
Worms	.....	1
Wounds, Gunshot	1	.....
	121	296

DEATHS IN EACH WARD.	
First	21
Second	21
Third	9
Fourth	19
Fifth	13
Sixth	2
Seventh	16
Eighth	9
Ninth	3
Tenth	13
Eleventh	11
Twelfth	6
Thirteenth	8
Fourteenth	12
Fifteenth	30
Sixteenth	8
Seventeenth	20
Eighteenth	16
Nineteenth	32
Twentieth	23
Twenty-first	11
Twenty-second	11
Twenty-third	17
Twenty-fourth	17
Twenty-fifth	13
Twenty-sixth	33
Twenty-seventh	20
Twenty-eighth	4
Twenty-ninth	6

Of the above there were:

Under 1 year	171
From 1 to 2	41
" 2 to 5	43
" 5 to 10	22
" 10 to 15	7
" 15 to 20	12
" 20 to 30	21
" 30 to 40	27
" 40 to 50	11
" 50 to 60	24
" 60 to 70	18
" 70 to 80	22
" 80 to 90	4
" 90 to 100	1
" 100 to 110	0

Nativity, &c.

United States	355
Foreign	56
Unknown	13
From Almshouse	5
People of Color	24
Males	217
Females	207
Boys	151
Girls	145

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 10, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. JULY.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	A. M.	2 P. M.	9 P. M.	In.
Sunday, 4	30.14	30.08	30.09	30.10	67	82	75	76	74	48	72	E.	S. W	S.	4	16	12	Fair	Fair	Fair	.....
Monday, 5	30.14	30.11	30.10	30.11	74	86	78	79	85	58	82	S. W	W.	S.	8	11	8	Fair	Fair	Fair	.....
Tuesday, 6	30.10	30.02	30.04	30.05	75	91	75	79	90	53	81	S. W	S. W	S. W	4	12	5	Cloudy	Fair	Light Rain	.....
Wednesday, 7	30.07	30.08	30.16	30.12	75	81	75	77	90	74	81	S. W	S. E.	W.	7	4	4	Fair	Fair	Clear	.....
Thursday, 8	30.22	30.22	30.25	30.24	72	83	72	75	75	49	67	N. E	E.	S.	12	8	8	Clear	Fair	Fair	.....
Friday, 9	30.22	30.22	30.25	30.24	72	83	72	75	75	49	67	N. E	E.	S.	12	8	8	Clear	Fair	Cloudy	.....
Saturday, 10	30.23	30.15	30.07	30.15	69	80	70	75	90	57	79	S.	S.	S.	3	7	8	Fair	Fair	Cloudy	.....
Means.....	.....	.....	.....	30.14	...	...	...	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, July 17, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Neck	.....	1
" Psoas	2	.....
Anemia	1	.....
Asthma	1	.....
Asphyxia	.....	1
Apoplexy	2	1
Bright's Disease	1	.....
Burns and Scalds	1	.....
Cancer of the Arm	1	.....
" " Liver	2	.....
" " Stomach	3	.....
" " Uterus	2	.....
Casualties	2	2
Cerebro-spinal Meningitis	1	.....
Cholera Infantum	.....	110
" Morbus	3	.....
Collapse of Lungs	.....	1
Congestion of the Brain	3	6
" " Lungs	2	4
Consumption of Bowels	1	.....
" Lungs	33	5
Convulsions	2	20
Croup	.....	4
Cyanosis	.....	4
Debility	13	5
Diarrhœa	7	5
Diphtheria	.....	15
Dropsy	1	.....
" Abdominal	1	.....
" of the Brain	.....	6
" " Chest	.....	1
" " Liver	1	.....
Disease of the Brain	.....	1
" " Heart	7	4
" " Liver	2	.....
" " Lungs	.....	1
Drowned	.....	4
Dysentery	.....	1
Dyspepsia	1	.....
Effusion on Brain	1	2
Enchondroma, shoulder	1	.....
Erysipelas	1	.....
Fever, Puerperal	1	.....
" Scarlet	.....	15
" Typhoid	3	2
Hemorrhage from Lungs	3	.....
" Secondary	.....	1
" Umbilical	1	.....
Hernia	1	.....
Hooping Cough	.....	3
Hypertrophy of Heart	3	.....
" " Liver	1	.....
Inflammat'n of Brain	3	10
" Bronchi	1	2
" Kidneys	1	.....
" Liver	.....	1
" Lungs	3	2
" S. & Bowels	3	10
Inanition	3	8
Jaundice	.....	1
Lupus	1	.....
Malformation	.....	1
Marasmus	.....	19
Measles	.....	1
Neuralgia of the Heart	1	.....
Old Age	15	.....
Paralysis	10	1
Premature Birth	.....	4
Pyemia	1	1
Rheumatism	1	.....
Scrofula	1	.....
Sore Throat, Malignant	.....	1
Softening of Brain	5	.....
Still-born	.....	12
Suicide, Cutting Throat	1	.....
Syphilis	.....	1
Sun-Stroke	.....	1
Tabes Mesenterica	.....	2
Teething	.....	1
Tetanus	.....	1
Trismus Nascentium	.....	1
Unknown	1	.....
Wounds, Gunshot	2	.....
	165	306

DEATHS IN EACH WARD.	
First	21
Second	16
Third	7
Fourth	16
Fifth	11
Sixth	12
Seventh	24
Eighth	14
Ninth	4
Tenth	14
Eleventh	13
Twelfth	6
Thirteenth	13
Fourteenth	9
Fifteenth	31
Sixteenth	12
Seventeenth	15
Eighteenth	16
Nineteenth	34
Twentieth	21
Twenty-first	14
Twenty-second	19
Twenty-third	15
Twenty-fourth	14
Twenty-fifth	15
Twenty-sixth	22
Twenty-seventh	23
Twenty-eighth	18
Twenty-ninth	22

Of the above there were:	
Under 1 year	195
From 1 to 2	41
" 2 to 5	34
" 5 to 10	21
" 10 to 15	9
" 15 to 20	6
" 20 to 30	24
" 30 to 40	22
" 40 to 50	31
" 50 to 60	18
" 60 to 70	27
" 70 to 80	27
" 80 to 90	11
" 90 to 100	4
" 110 to 120	1

Nativity, &c.	
United States	385
Foreign	70
Unknown	16
From Almshouse	13
People of Color	25
Males	249
Females	222
Boys	164
Girls	142

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 17, 1875.

Month and Day. 1875. July.	Barometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Rel. Humidity. 7 A. M.	2 P. M.	9 P. M.	Direction of Wind. 7 A. M.	2 P. M.	9 P. M.	Vel. of Wind. 7 A. M.	2 P. M	9 P. M.	State of Weather. 7 A. M.	2 P. M.	9 P. M.	Rain. In.
Sunday, 11	29.82	29.82	29.91	29.87	73	85	75	77	81	40	36	N.W	N.W	N.	9	18	10	Fair	Fair	Cloudy	.09
Monday, 12	29.98	29.94	29.90	29.96	66	74	70	70	59	59	66	N. E	S. E.	W.	9	4	4	Cloudy	Cloudy	Fair	.....
Tuesday, 13	29.88	29.81	29.78	29.81	69	84	78	77	61	46	65	N.W	S. W	W.	7	14	10	Clear	Clear	Fair	.....
Wednesday, 14	29.83	29.82	29.82	29.82	73	79	77	76	63	54	72	N.	W.	S. W	6	7	5	Fair	Fair	Clear	.....
Thursday, 15	29.83	29.82	29.78	29.80	74	75	74	74	85	70	85	S.	S.	S.	1	18	9	Fair	Cloudy	Fair	.....
Friday, 16	29.63	29.72	29.78	29.73	74	77	74	75	90	65	81	W.	N.	E.	11	17	4	Fair	Fair	Fair	.76
Saturday, 17	29.80	29.81	29.85	29.83	77	83	80	80	72	53	61	N.W	W.	W.	8	7	4	Fair	Fair	Fair	.....
Means.....	.....	.....	.....	29.83	...	...	...	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.85

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, July 24, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Arm	1	.....
" Lungs	2	.....
Aneurism of the Aorta	1	.....
Asthma	.....	1
Aphasia	1	.....
Apoplexy	1	1
Bright's Disease	3	1
Burns and Scalds	.....	1
Cancer of the Jaw	1	.....
" " Rectum	1	.....
" " Stomach	1	.....
" " Uterus	3	.....
Casualties	4	1
Cerebro-spinal Meningitis	.....	2
Cholera Infantum	.....	114
" Morbus	3	.....
Cirrhosis of Liver	4	.....
Collapse	1	.....
Congestion of the Brain	5	6
" " Lungs	2	1
Consumption of Lungs	42	7
Convulsions	2	17
" Puerperal	1	1
Croup	.....	4
Cyanosis	.....	2
Debility	7	7
Degeneration of Liver	1	.....
Diabetes	1	.....
Diarrhœa	1	3
Diphtheria	1	8
Dropsy, Abdominal	1	.....
" Renal	.....	1
" of the Brain	.....	8
" " Chest	3	1
Disease of the Brain	1	.....
" " Heart	6	3
" " Liver	1	.....
Drowned	3	4
Dysentery	1	3
Effusion on Brain	1	1
Epilepsy	1	.....
Erysipelas	.....	2
Fever, Catarrhal	.....	1
" Puerperal	1	.....
" Scarlet	.....	20
" Typhoid	3	.....
Hemorrhage from Lungs	1	.....
Hernia, Strangulated	1	.....
Hooping Cough	.....	5

CAUSES OF DEATH.	ADULTS.	MINORS.
Inflammation of Brain	1	9
" Bronchi	1	.....
" Kidneys	.....	1
" Liver	1	.....
" Lungs	3	1
" Pericardium	2	1
" Peritoneum	6	.....
" S. & Bowels	2	12
Inanition	3	9
Intussusception	1	.....
Intemperance	2	.....
Marasmus	.....	26
Murder	.....	1
Old Age	8	.....
Paralysis	2	.....
Premature Birth	.....	5
Pyemia	1	.....
Rheumatism	1	.....
Rupture of Bowels	1	.....
Small-pox	.....	1
Softening of Brain	1	.....
Still-born	.....	18
Suffocation	.....	1
Suicide, Cutting Throat	1	.....
" Drowning	1	.....
" Hanging	1	.....
Suppression of Urine	1	.....
Syphilis	1	.....
Tabes Mesenterica	.....	2
Teething	.....	3
Tetanus	.....	2
Tumor, Abdominal	2	.....
Uræmia	1	.....
	158	318

DEATHS IN EACH WARD.	
First	24
Second	14
Third	17
Fourth	14
Fifth	14
Sixth	5
Seventh	16
Eighth	10
Ninth	7
Tenth	11
Eleventh	21
Twelfth	6
Thirteenth	8
Fourteenth	16
Fifteenth	23
Sixteenth	11
Seventeenth	8
Eighteenth	15
Nineteenth	49
Twentieth	39
Twenty-first	12
Twenty-second	7
Twenty-third	15
Twenty-fourth	20
Twenty-fifth	16
Twenty-sixth	31
Twenty-seventh	24
Twenty-eighth	7
Twenty-ninth	16

Of the above there were:	
Under 1 year	205
From 1 to 2	48
" 2 to 5	31
" 5 to 10	15
" 10 to 15	9
" 15 to 20	10
" 20 to 30	35
" 30 to 40	31
" 40 to 50	21
" 50 to 60	15
" 60 to 70	32
" 70 to 80	17
" 80 to 90	6
" 90 to 100	1
" 100 to 110	0

Nativity, &c.	
United States	397
Foreign	63
Unknown	16
From Almshouse	14
People of Color	36
Males	251
Females	225
Boys	184
Girls	134

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 24, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. July.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 18	29.83	29.66	29.99	29.85	72	92	72	77	67	37	50	E.	N.W	N.	5	28	15	Cloudy	Fair	Fair	.....
Monday, 19	30.16	30.15	30.17	30.16	63	75	65	67	47	29	52	N.	E.	S.	14	5	13	Clear	Fair	Fair	.....
Tuesday, 20	30.14	30.07	29.99	30.05	64	65	63	66	78	73	88	S.	S.	S. E.	5	5	4	Fair	Light Rain	Cloudy	.05
Wednesday, 21	29.97	29.95	29.89	29.92	73	83	75	77	46	43	85	N. E	S.	S.	7	4	10	Fair	Fair	Cloudy	.....
Thursday, 22	29.97	29.95	29.89	29.93	75	83	75	76	48	43	85	N. E	S.	S.	7	4	10	Fair	Fair	Cloudy	N.M
Friday, 23	29.76	29.82	29.89	29.84	76	85	80	80	86	47	58	W.	N.W	N.W	12	15	2	Cloudy	Clear	Clear	.05
Saturday, 24	29.99	30.02	30.08	30.04	72	81	75	76	54	38	56	N.	N.	N.W	9	9	4	Clear	Cloudy	Clear	.....
Means.....	.....	.....	.....	29.99	...	...	...	74	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, July 31, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asthma	1	.....
Asphyxia	.....	1
Apoplexy	2	.....
Boil	1	.....
Bright's Disease	2	.....
Burns and Scalds	1	.....
Cancer, diffused	1	.....
Cancer of the Breast	1	.....
" " Jaw	1	.....
" " Stomach	4	.....
" " Uterus	2	.....
Casualties	2	1
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	104
" Morbus	3	1
Cirrhosis of Liver	3	.....
Congestion of the Brain	2	11
" " Lungs	.....	1
Consumption of Bowels	1	.....
" " Lungs	37	4
Convulsions	1	19
" Puerperal	1	.....
Cramps	.....	1
Croup	.....	7
Cyanosis	.....	3
Debility	4	6
Diabetes	1	.....
Diarrhœa	5	4
Diphtheria	.....	10
Dropsy	3	2
" Abdominal	1	.....
" of the Brain	.....	3
" " Chest	.....	1
Disease of Abm. viscera	1	.....
" Brain	.....	1
Heart	6	2
" Liver	1	.....
" Kidneys	.....	1
" Stomach	1	.....
Drowned	2	1
Dysentery	1	1
Epilepsy	1	.....
Erysipelas	1	.....
Empyema	1	.....
Enlargement of Heart	1	.....
Fever, Brain	.....	1
" Bilious	1	.....
" Scarlet	.....	12
" Typhoid	3	8
Fever, Typhus	1	.....
Fracture of Arm	1	.....
" " Rib	1	.....
Hemorrhage from Bow's	1	.....
" Umbilical	.....	1
Hernia, Femoral	1	.....
Hooping Cough	.....	3
Inflammation of Brain	.....	7
" Bronchi	.....	3
" Kidneys	.....	1
" Larynx	.....	1
" Liver	1	.....
" Lungs	1	2
" Peritoneum	2	2
" S. & Bowels	4	9
" Uterus	1	.....
Inanition	2	9
Intussusception	1	.....
Intemperance	1	.....
Mania a potu	3	.....
Marasmus	.....	30
Neuralgia of the Heart	1	.....
Old Age	10	.....
Obstruction of Bowels	1	.....
Paralysis	7	1
Poisoning	1	.....
Premature Birth	.....	4
Pyemia	1	.....
Rupture of Heart	1	.....
Scrofula	1	2
Sore Throat, Malignant	.....	1
Softening of Brain	1	.....
Still-born	.....	15
Suicide, Drowning	1	.....
Syphilis	.....	1
Teething	.....	1
Tetanus	.....	2
Tumor, Ovarian	1	.....
Ulceration of the Bowels	1	.....
Wounds, Gunshot	1	.....
	149	302

DEATHS IN EACH WARD.	
First	25
Second	20
Third	13
Fourth	19
Fifth	4
Sixth	7
Seventh	18
Eighth	8
Ninth	2
Tenth	11
Eleventh	8
Twelfth	5
Thirteenth	7
Fourteenth	13
Fifteenth	29
Sixteenth	8
Seventeenth	17
Eighteenth	19
Nineteenth	46
Twentieth	18
Twenty-first	12
Twenty-second	17
Twenty-third	13
Twenty-fourth	12
Twenty-fifth	27
Twenty-sixth	32
Twenty-seventh	18
Twenty-eighth	8
Twenty-ninth	15

Of the above there were:	
Under 1 year	182
From 1 to 2	51
" 2 to 5	37
" 5 to 10	18
" 10 to 15	4
" 15 to 20	10
" 20 to 30	31
" 30 to 40	24
" 40 to 50	26
" 50 to 60	23
" 60 to 70	18
" 70 to 80	17
" 80 to 90	7
" 90 to 100	3
" 100 to 110	0

Nativity, &c.	
United States	387
Foreign	54
Unknown	10
From Almshouse	8
People of Color	22
Males	221
Females	230
Boys	153
Girls	149

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, July 31, 1875.

Month and Day. 1875. July.	Barometer. 7 A. M.	Barometer. 2 P. M.	Barometer. 9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	Thermometer. 2 P. M.	Thermometer. 9 P. M.	Mean Daily Value.	Rel. Humidity 7 A. M.	Rel. Humidity 2 P. M.	Rel. Humidity 9 P. M.	Direction of Wind 7 A. M.	Direction of Wind 2 P. M.	Direction of Wind 9 P. M.	Vel. of Wind. 7 A. M.	Vel. of Wind. 2 P. M.	Vel. of Wind. 9 P. M.	State of Weather. 7 A. M.	State of Weather. 2 P. M.	State of Weather. 9 P. M.	Rain. In.
Sunday, 25	30.17	30.13	30.14	30.14	70	83	76	76	57	39	56	E.	S. W	S. W	4	6	10	Clear	Fair	Clear	.....
Monday, 26	30.14	30.04	30.07	30.08	73	86	82	81	81	51	52	S. W	W.	W.	7	14	5	Fair	Fair	Cloudy	.....
Tuesday, 27	30.06	29.99	29.94	29.79	77	85	76	78	65	54	81	N.W	N.W	W.	7	11	11	Fair	Fair	Fair	.66
Wednesday, 28	29.94	29.96	29.98	29.95	72	71	71	75	54	57	66	N. E	N. E	W.	9	12	2	Cloudy	Cloudy	Fair	.03
Thursday, 29	29.97	29.88	29.93	29.93	68	68	67	68	79	100	94	S. W	N. E	N.	3	8	7	Cloudy	Light Rain	Cloudy	1.95
Friday, 30	30.00	29.96	29.98	29.98	67	83	77	76	90	53	82	W.	W.	S. W	8	9	6	Fair	Fair	Fair	.....
Saturday, 31	30.06	30.05	30.08	30.07	72	75	72	73	50	52	62	N. E	N.	N. E	11	5	8	Cloudy	Cloudy	Cloudy	N.M
Means.....	.....	.....	.....	29.99	...	...	...	75	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.64

The surface of the mercury in the cistern of Barometer is 71.92 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, August 7, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Arm	.....	1
Anemia	.....	1
Asthma	1	.....
Apoplexy	4	.....
Biliary Calculi	1	.....
Bright's Disease	3	.....
Burns and Scalds	.....	1
Cancer of the Breast	3	.....
" " Mesentery	1	.....
" " Neck	2	.....
" " Uterus	1	.....
Carbuncle	1	.....
Casualties	1	.....
Child-birth	1	.....
Cholera Infantum	.....	79
" Morbus	1	1
Congestion of the Brain	1	6
" " Liver	1	.....
" " Lungs	1	1
Consumption of Bowels	.....	1
" Lungs	27	2
Concussion of Brain	.....	1
Convulsions	2	15
Cramps	.....	1
Croup	.....	4
Debility	5	16
Diarrhœa	2	2
Diphtheria	.....	8
Dropsy	1	1
" of the Brain	.....	4
" " Chest	.....	1
Disease of the Heart	3	1
" " Liver	2	.....
" " Spine	1	.....
Drowned	3	2
Dysentery	2	6
Effusion on Brain	1	3
Fever, Remittent	.....	1
" Scarlet	.....	22
" Typhoid	5	.....
" Typhus	1	1
Fracture of Skull	.....	1
Gangrene of Lung	1	.....
Hemorrhage, Internal	.....	1
Hooping Cough	.....	2
Hypertrophy of Heart	1	.....
Inflammation of Brain	2	14
" Bronchi	.....	1
" Kidneys	.....	1
Inflammation of Liver	1	.....
" Lungs	2	3
" Pericardium	2	1
" Peritoneum	2	1
" Pleura	.....	1
" Spinal Cord	1	.....
" S. & Bowels	6	12
Inanition	1	11
Malformation	.....	1
Marasmus	.....	26
Old Age	12	.....
Paralysis	5	2
Premature Birth	.....	1
Rheumatism	2	.....
Small-pox	.....	1
Sore Mouth	.....	1
Softening of Brain	2	.....
Still-born	.....	13
Suffocation	.....	1
Suicide	1	.....
Syphilis	1	.....
Sun-Stroke	1	.....
Tabes Mesenterica	.....	1
Teething	.....	2
Ulceration of the Stom	2	.....
	123	280

DEATHS IN EACH WARD.	
First	16
Second	19
Third	16
Fourth	13
Fifth	8
Sixth	4
Seventh	19
Eighth	4
Ninth	9
Tenth	12
Eleventh	6
Twelfth	6
Thirteenth	11
Fourteenth	3
Fifteenth	22
Sixteenth	14
Seventeenth	14
Eighteenth	11
Nineteenth	38
Twentieth	20
Twenty-first	12
Twenty-second	16
Twenty-third	11
Twenty-fourth	17
Twenty-fifth	11
Twenty-sixth	30
Twenty-seventh	19
Twenty-eighth	11
Twenty-ninth	11

Of the above there were:

Under 1 year	176
From 1 to 2	54
" 2 to 5	30
" 5 to 10	12
" 10 to 15	3
" 15 to 20	5
" 20 to 30	25
" 30 to 40	19
" 40 to 50	15
" 50 to 60	17
" 60 to 70	21
" 70 to 80	15
" 80 to 90	8
" 90 to 100	3
" 100 to 110	0

Nativity, &c

United States	334
Foreign	60
Unknown	9
From Almshouse	12
People of Color	21
Males	206
Females	197
Boys	147
Girls	132

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 7, 1875.

Month and Day. 1875. August.	Barometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Rel. Humidity 7 A. M.	2 P. M.	9 P. M.	Direction of Wind 7 A. M.	2 P. M.	9 P. M.	Vel. of Wind. 7 A. M.	2 P. M.	9 P. M.	State of Weather. 7 A. M.	2 P. M.	9 P. M.	Rain. In.
Sunday, 1	30.18	30.16	30.13	30.15	66	70	66	67	54	52	66	N. E	E.	S. E.	12	7	8	Fair	Cloudy	Cloudy	.....
Monday, 2	30.12	30.12	30.16	30.14	58	50	59	59	100	87	94	E.	E.	E.	23	28	24	Light Rain	Cloudy	Cloudy	1.03
Tuesday, 3	30.07	30.09	30.12	30.10	64	74	69	69	91	76	95	E.	W.	S. W	9	12	7	Cloudy	Cloudy	Cloudy	.22
Wednesday, 4	30.12	30.04	30.01	30.05	72	81	74	75	90	62	90	S. W	S. W	S. W	6	11	8	Cloudy	Fair	Fair	.05
Thursday, 5	29.97	29.93	29.92	29.94	71	80	76	76	90	62	68	N.W	S. W	O.	7	9	0	Fair	Fair	Clear	.16
Friday, 6	29.94	29.87	29.84	29.87	73	85	76	77	85	53	90	S. W	S. W	S.	4	18	12	Clear	Fair	.....	.18
Saturday, 7	29.87	29.87	29.93	29.90	69	79	71	72	90	73	90	S. W	S. W	S. W	9	17	4	Light Rain	Fair	Cloudy	1.30
Means.....	.....	.....	.....	30.02	...	...	...	70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.94

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, August 14, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Hand	1	.....
" " Liver	.....	1
" " Lung	1	.....
Anemia	.....	1
Asthma	1	.....
Apoplexy	2	1
Bright's Disease	2	.....
Burns and Scalds	.....	3
Cancer of the Face & Neck	1	.....
" " Lip	1	.....
" " Liver	2	.....
" " Stomach	1	.....
" " Uterus	2	.....
Carbuncle	1	.....
Casualties	3	1
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	72
" Morbus	5	1
Cirrhosis of the Liver	1	.....
Congestion of the Brain	1	6
" " Lungs	1	1
Consumption of Lungs	23	5
Convulsions	.....	18
" Puerperal	1	.....
Cramps	.....	1
Croup	.....	2
Cyanosis	.....	2
Debility	8	9
Diarrhœa	2	3
Diphtheria	.....	12
Dropsy	.....	1
" Abdominal	1	.....
" Renal	1	.....
" of the Brain	.....	5
" " Chest	1	.....
" " Heart	1	.....
Disease of the Heart	8	5
" " Spleen	1	.....
Drowned	1	.....
Dysentery	4	6
Effusion on Brain	2	2
Erysipelas	1	.....
Enlargement of Liver	1	.....
Fatty Degen'at'n of Heart	1	.....
Fever, Brain	.....	1
" Intermittent	1	.....
" Puerperal	2	.....
" Scarlet	.....	15
" Typhoid	5	5

CAUSES OF DEATH.	ADULTS.	MINORS.
Fracture of Skull	.....	1
Gangrene	1	.....
" of Lungs	1	.....
Hemorrhage from B'is	1	1
Hooping Cough	.....	7
Hypertrophy of Heart	1	.....
Inflammation of Brain	2	12
" Bladder	1	.....
" Bronchi	2	3
" Heart	1	.....
" Kidneys	1	.....
" Liver	1	.....
" Lungs	8	3
" Pericardium	1	1
" Peritoneum	2	.....
" Pleura	1	.....
" S. & Bowels	9	9
Inanition	.....	11
Intussusception	1	1
Malformation	.....	1
Mania a potu	1	.....
Marasmus	1	33
Murder	1	2
Neuralgia of the Heart	1	.....
Old Age	10	.....
Paralysis	8	1
Poisoning	.....	1
Premature Birth	.....	5
Pelvic Cellulitis	.....	1
Pyemia	3	.....
Small-pox	.....	3
Softening of Brain	3	.....
Still-born	.....	14
Stricture of Rectum	1	.....
Suffocation	.....	1
Suicide	1	.....
" Laudanum	1	.....
" Shooting	1	.....
Tetanus	.....	1
Trismus Nascentium	.....	2
Tumor, Leucæmic	1	.....
Unknown	3	1
Uræmia	.....	1
	161	296

DEATHS IN EACH WARD.	
First	26
Second	23
Third	14
Fourth	17
Fifth	8
Sixth	9
Seventh	22
Eighth	10
Ninth	4
Tenth	13
Eleventh	5
Twelfth	10
Thirteenth	3
Fourteenth	8
Fifteenth	17
Sixteenth	6
Seventeenth	21
Eighteenth	19
Nineteenth	37
Twentieth	19
Twenty-first	12
Twenty-second	14
Twenty-third	19
Twenty-fourth	20
Twenty-fifth	15
Twenty-sixth	30
Twenty-seventh	28
Twenty-eighth	9
Twenty-ninth	19

Of the above there were:

Under 1 year	175
From 1 to 2	54
" 2 to 5	28
" 5 to 10	13
" 10 to 15	10
" 15 to 20	16
" 20 to 30	25
" 30 to 40	22
" 40 to 50	20
" 50 to 60	25
" 60 to 70	21
" 70 to 80	32
" 80 to 90	13
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	366
Foreign	73
Unknown	18
From Almshouse	16
People of Color	31
Males	220
Females	227
Boys	147
Girls	149

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 14, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. August.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 8	30.07	29.95	30.01	30.01	69	80	73	74	95	51	81	S. W	S. W	S. W	2	7	4	Cloudy	Fair	Cloudy	.....
Monday, 9	30.03	29.96	29.98	29.99	69	81	74	75	70	41	56	W.	N.W	N.W	2	7	4	Clear	Fair	Clear	.....
Tuesday, 10	30.02	29.96	29.96	29.97	69	84	72	74	79	46	81	W.	S. W	S.	3	11	13	Fair	Fair	Cloudy	.....
Wednesday, 11	29.92	29.92	29.96	29.94	72	78	75	75	90	77	85	S. E.	S.	S.	3	16	14	Cloudy	Fair	Cloudy	.28
Thursday, 12	30.07	30.00	29.99	30.00	73	75	75	75	90	85	85	S.	S. W	S.	11	8	16	Cloudy	Light Rain	Cloudy	.79
Friday, 13	30.07	29.94	29.96	29.97	75	84	72	76	30	64	90	S.	S. W	S.	12	18	7	Fair	Fair	Cloudy	.64
Saturday, 14	29.99	29.97	29.98	29.98	71	81	75	75	90	66	90	W.	S. W	S. W	3	7	9	Cloudy	Fair	Cloudy	.....
Means.....	.....	.....	.....	29.98	...	...	...	75	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.71

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, August 21, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Right Iliac reg'n	.....	1
Asthma	2	.....
Apoplexy	3	.....
Bright's Disease	.....	1
Cancer of the Liver	2	.....
" " Stomach	2	.....
Casualties	4	.....
Cerebro-spinal Meningitis	.....	1
Child-bed	1	.....
Cholera Infantum	.....	73
" Morbus	3	1
Congestion of the Brain	1	10
" " Lungs	2	.....
" " Bowels	1	.....
Consumption of Bowels	1	1
" " Lungs	39	4
Convulsions	1	18
" Puerperal	.....	1
Cramps	.....	1
Cyanosis	.....	2
Debility	3	8
Diarrhœa	3	2
Diphtheria	.....	10
Dropsy	3	2
" of the Heart	2	.....
Disease of the Heart	8	1
Drowned	2	3
Dysentery	1	3
Effusion on Brain	1	3
Fever, Brain	.....	2
" Scarlet	.....	8
" Typhoid	8	5
Fracture of Thigh	1	.....
Gangrene	1	.....
Hemorrhage from Lungs	1	.....
" " Uterus	1	.....
Hooping Cough	.....	7
Inflammation of Brain	1	9
" Bronchi	2	2
" Lungs	8	2
" Peritoneum	2	.....
" Pleura	1	.....
" S. & Bowels	3	9
" Uterus	1	.....
Inanition	.....	8
Insanity	1	.....
Jaundice	.....	1
Malformation	.....	1
Mania a potu	2	.....
Marasmus	1	31
Old Age	8	.....
Ossification of the Heart	1	1
Paralysis	6	1
Premature Birth	.....	4
Pyemia	1	.....
Small-pox	.....	2
Sore Mouth	.....	1
Softening of Brain	2	.....
Still-born	.....	16
Stricture of Œsophagus	1	.....
Suicide, Cutting Throat	1	.....
" Hanging	1	.....
Syphilis	.....	1
Tabes Mesenterica	.....	1
Tumor, Bowels	1	.....
Uræmia	1	1
	142	259

DEATHS IN EACH WARD.	
First	20
Second	24
Third	12
Fourth	16
Fifth	11
Sixth	6
Seventh	12
Eighth	9
Ninth	5
Tenth	10
Eleventh	7
Twelfth	10
Thirteenth	2
Fourteenth	6
Fifteenth	22
Sixteenth	7
Seventeenth	9
Eighteenth	12
Nineteenth	34
Twentieth	20
Twenty-first	12
Twenty-second	13
Twenty-third	10
Twenty-fourth	7
Twenty-fifth	15
Twenty-sixth	33
Twenty-seventh	21
Twenty-eighth	13
Twenty-ninth	23

Of the above there were:

Under 1 year	156
From 1 to 2	47
" 2 to 5	27
" 5 to 10	15
" 10 to 15	4
" 15 to 20	10
" 20 to 30	29
" 30 to 40	30
" 40 to 50	19
" 50 to 60	18
" 60 to 70	18
" 70 to 80	17
" 80 to 90	9
" 90 to 100	2
" 100 to 110	0

Nativity, &c

United States	321
Foreign	68
Unknown	12
From Almshouse	11
People of Color	11
Males	182
Females	219
Boys	110
Girls	149

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 21, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. August.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 15	29.98	29.92	29.93	29.94	78	81	74	76	90	59	90	S. W	S. W	S. W	1	4	6	Fair	Cloudy	Cloudy	.22
Monday, 16	29.88	29.84	29.88	29.87	72	81	75	76	90	66	85	W.	W.	S.	4	8	7	Cloudy	Fair	Cloudy	.02
Tuesday, 17	29.88	29.85	29.88	29.87	73	83	75	77	95	64	85	W.	S. E.	S.	2	4	2	Cloudy	Fair	Fair	.04
Wednesday, 18	29.78	29.72	29.77	29.76	73	81	76	77	85	66	76	S. W	S. W	N.W	5	12	2	Cloudy	Fair	Fair	.50
Thursday, 19	29.78	29.81	29.89	29.84	72	81	75	76	90	63	76	S. W	S.	S. W	4	12	2	Clear	Fair	Fair	N.M
Friday, 20	29.94	29.96	30.07	30.11	72	81	74	76	62	48	72	N.W	W.	W.	8	6	6	Clear	Fair	Fair	.....
Saturday, 21	30.14	30.15	30.17	30.16	70	80	73	74	61	44	67	N.W	W.	S. W	11	9	4	Clear	Fair	Clear	.....
Means.....	.....	.....	.....	29.93	.....	.....	.....	76	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.78

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, August 28, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Lumbar	1	.....
Asphyxia	.....	1
Apoplexy	1	.....
Bright's Disease	3	1
Burns and Scalds	.....	1
Cancer of the Breast	1	.....
" " Mouth	1	.....
" " Stomach	2	.....
" " Uterus	2	.....
Caries of the Spine	.....	1
Casualties	1	2
Cerebro-spinal Meningitis	.....	2
Chorea	.....	1
Cholera Infantum	.....	56
" Morbus	1	.....
Congestion of the Brain	5	3
" " Lungs	.....	1
Consumption of Lungs	37	3
Convulsions	2	18
Croup	.....	3
Cyanosis	.....	1
Debility	2	5
Diarrhœa	1	4
Diphtheria	1	11
Dropsy	2	1
" of the Brain	.....	3
Disease of the Heart	9	2
" " Liver	2	.....
Drowned	3	3
Dyspepsia	1	.....
Effusion on Brain	.....	2
Fatty Degen'at'n of Heart	1	.....
" " Liver	1	.....
Fever, Congestive	.....	1
" Malarial	.....	1
" Puerperal	2	.....
" Scarlet	1	16
" Typhoid	4	4
Gangrene	2	.....
Hemorrhage from Uterus	1	.....
Hooping Cough	.....	5
Inflammation of Brain	1	11
" Bladder	1	1
" Bronchi	.....	1
" Larynx	.....	1
" Liver	1	.....
" Lungs	.....	4
" Peritoneum	3	.....
" Spine	1	.....
Inflam't'n of S. & Bowels	4	13
" " Uterus	1	.....
Inanition	2	11
Jaundice	1	2
Marasmus	.....	25
Murder	1	.....
Neuralgia	1	.....
" of the Heart	1	.....
Old Age	7	.....
Paralysis	3	.....
Poisoning, Carbolic Acid	1	.....
" Laudanum	1	.....
Premature Birth	.....	4
Purpura Hemorrhagica	.....	1
Pyemia	1	.....
Sore Mouth	.....	1
Softening of Brain	1	.....
Still-born	.....	18
Stricture of Œsophagus	1	.....
Suicide, Hanging	.....	1
" Laudanum	.....	1
Syphilis	.....	1
Sun-stroke	1	.....
Teething	.....	2
Tetanus	1	.....
Trismus Nascentium	.....	1
Unknown	.....	1
Wounds	.....	1
	125	253

DEATHS IN EACH WARD.	
First	25
Second	20
Third	6
Fourth	10
Fifth	9
Sixth	4
Seventh	15
Eighth	1
Ninth	2
Tenth	8
Eleventh	10
Twelfth	10
Thirteenth	3
Fourteenth	8
Fifteenth	28
Sixteenth	11
Seventeenth	14
Eighteenth	17
Nineteenth	36
Twentieth	16
Twenty-first	10
Twenty-second	14
Twenty-third	18
Twenty-fourth	11
Twenty-fifth	6
Twenty-sixth	24
Twenty-seventh	11
Twenty-eighth	11
Twenty-ninth	20

Of the above there were:	
Under 1 year	148
From 1 to 2	48
" 2 to 5	25
" 5 to 10	15
" 10 to 15	5
" 15 to 20	12
" 20 to 30	31
" 30 to 40	29
" 40 to 50	19
" 50 to 60	18
" 60 to 70	15
" 70 to 80	5
" 80 to 90	6
" 90 to 100	1
" 100 to 110	0

Nativity, &c	
United States	318
Foreign	55
Unknown	5
From Almshouse	2
People of Color	25
Males	197
Females	181
Boys	133
Girls	120

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, August 28, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. August.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 22	30.19	30.15	30.17	30.17	69	80	72	73	90	55	85	S.	S.	S. W	6	4	1	Cloudy	Cloudy	Cloudy	.30
Monday, 23	30.25	30.27	30.31	30.23	64	64	62	63	83	94	88	N. E	E.	N. E	13	12	8	Light Rain	Light Rain	Threaten'g	.63
Tuesday, 24	30.32	30.31	30.32	30.32	62	68	63	64	83	69	78	N. E	E.	N. E	17	13	6	Cloudy	Light Rain	Cloudy	.06
Wednesday, 25	30.29	30.28	30.25	30.27	62	71	66	66	83	43	64	N. E	E.	E.	12	11	5	Fair	Fair	Fair	.....
Thursday, 26	30.23	30.20	30.19	30.20	63	71	66	67	67	49	64	E.	E.	N. E	13	14	8	Clear	Clear	Clear	.....
Friday, 27	30.20	30.19	30.19	30.19	61	68	68	66	77	74	79	E.	N. E	E.	12	14	9	Cloudy	Cloudy	Fair	.....
Saturday, 28	30.19	30.14	30.13	30.15	64	74	70	70	83	72	71	N. E	N. E	E.	12	11	5	Cloudy	Cloudy	Cloudy	N.M
Means.....	.....	.....	.....	30.22	...	...	...	67	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.99

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, September 4, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asthma	1	.....
Apoplexy	6	1
Bright's Disease	3	1
Burns and Scalds	.....	1
Cancer of the Breast	3	.....
" " Face & Mouth	1	.....
" " Stomach	2	.....
" " Uterus	1	.....
Casualties	7	.....
Cerebro-spinal Meningitis	.....	3
Cholera Infantum	.....	36
" Morbus	3	.....
Cirrhosis of the Liver	3	.....
Compression of the Brain	1	.....
Congestion of the Brain	3	9
" " Liver	1	.....
" " Lungs	2	2
Consumption of Lungs	45	6
Convulsions	.....	11
Croup	.....	5
Cyanosis	.....	2
Debility	7	8
Diarrhœa	7	5
Diphtheria	.....	15
Dropsy	1	4
" of the Brain	.....	4
" " Heart	1	.....
Disease of the Brain	2	.....
" " Heart	2	3
" " Lungs	.....	1
Drowned	4	.....
Dysentery	1	.....
Epilepsy	.....	1
Erysipelas	1	1
Fever, Bilious	2	.....
" Malarial	1	.....
" Puerperal	1	.....
" Remittent	2	.....
" Scarlet	.....	1
" Typhoid	7	5
" Typhus	1	.....
Hemorrhage, Bowels	.....	1
" Cerebral	1	.....
" Lungs	1	.....
" Uterus	2	.....
Hernia	1	.....
Hooping Cough	.....	6
Hypertrophy of Heart	1	.....
Inflammation of Brain	.....	7
Inflammation of Bronchi	.....	2
" Heart	1	.....
" Lungs	2	4
" Pericardium	.....	2
" Peritoneum	2	1
" Spine	1	.....
" S. & Bowels	7	9
Inanition	1	5
Insanity	1	.....
Malformation	.....	1
Marasmus	1	23
Old Age	8	.....
Paralysis	4	1
Poisoning, Cor. Subl'te	1	.....
Premature Birth	.....	5
Rheumatism	3	.....
Septicæmia	1	.....
Small-pox	1	.....
Sore Mouth	.....	1
Softening of Spine	1	.....
Spasm of Glottis	.....	1
Still-born	.....	20
Suicide, Hanging	1	.....
" Laudanum	1	.....
" Shooting	1	.....
Teething	.....	2
Trismus Nascentium	.....	1
Tumor, Brain	1	.....
Ulceration of the Bowels	1	....
Unknown	1	1
	169	218

DEATHS IN EACH WARD.	
First	25
Second	16
Third	8
Fourth	13
Fifth	10
Sixth	11
Seventh	17
Eighth	8
Ninth	7
Tenth	13
Eleventh	13
Twelfth	4
Thirteenth	6
Fourteenth	9
Fifteenth	17
Sixteenth	6
Seventeenth	11
Eighteenth	13
Nineteenth	27
Twentieth	17
Twenty-first	15
Twenty-second	12
Twenty-third	12
Twenty-fourth	13
Twenty-fifth	9
Twenty-sixth	28
Twenty-seventh	24
Twenty-eighth	8
Twenty-ninth	15

Of the above there were:

Under 1 year	124
From 1 to 2	38
" 2 to 5	23
" 5 to 10	19
" 10 to 15	6
" 15 to 20	8
" 20 to 30	38
" 30 to 40	33
" 40 to 50	27
" 50 to 60	23
" 60 to 70	15
" 70 to 80	22
" 80 to 90	9
" 90 to 100	2
" 100 to 110	0

Nativity, &c.

United States	306
Foreign	59
Unknown	22
From Almshouse	13
People of Color	16
Males	203
Females	184
Boys	118
Girls	100

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 4, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. August.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 29	30.09	30.00	29.97	30.01	67	79	74	74	99	54	72	E.	E.	E.	5	6	4	Cloudy	Fair	Fair	.....
Monday, 30	29.94	29.90	29.91	29.91	71	82	77	77	71	49	56	N.	E.	N.	13	9	6	Fair	Fair	Clear	.....
Tuesday, 31	29.96	29.97	30.05	30.01	73	83	77	78	71	56	69	N. E	E.	E.	11	10	2	Clear	Fair	Clear	.....
September. Wednesday, 1	30.13	30.15	30.10	30.11	71	80	71	73	75	47	66	N. E	E.	S. E.	11	14	2	Clear	Clear	Clear	.....
Thursday, 2	30.07	29.96	29.95	29.98	66	82	76	75	78	56	68	E.	E.	S.	6	5	4	Clear	Clear	Clear	.....
Friday, 3	29.92	29.85	29.82	29.85	72	89	80	80	90	46	78	W.	N.	S. W	1	9	8	Clear	Fair	Clear	.....
Saturday, 4	29.76	29.70	29.79	29.76	74	87	77	79	90	42	49	W.	W.	N.W	9	12	18	Fair	Fair	Clear	.....
Means.....	.....	.....	.....	29.94	...	...	...	77	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, September 11, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess	.....	1
" of Liver	1	.....
" Stomach	.....	2
Aneurism, Aorta	1	.....
" Thoracis	1	.....
Apoplexy	4	.....
Bright's Disease	3	.....
Burns and Scalds	1	3
Cancer of the Liver	1	.....
" " Stomach	5	.....
" " Uterus	1	.....
Casualties	1	.....
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	29
Cirrhosis of the Liver	2	.....
Compression of the Brain	.....	1
Congestion of the Brain	3	6
" " Lungs	1	2
" " Stomach	.....	1
Congestive Chill	.....	1
Consumption of Lungs	28	4
Convulsions	1	10
" Puerperal	1	.....
Croup	.....	3
Debility	4	6
Diabetes	1	.....
Diarrhœa	2	3
Diphtheria	.....	6
Dropsy	3	.....
" Abdominal	1	.....
" of the Heart	1	.....
Disease of the Brain	1	1
" " Heart	14	.....
Dysentery	1	1
Effusion on Brain	.....	1
" Lung	1	.....
Emphysema of Lungs	1	.....
Fever, Congestive	1	1
" Catarrhal	.....	1
" Intermittent	1	.....
" Scarlet	.....	10
" Typhoid	5	3
Fracture of Femur	1	.....
" " Skull	2	.....
Hemorrhage, Internal	1	.....
" Lungs	3	.....
" Umbilical	.....	1
Hooping Cough	.....	2
Hypertrophy of Heart	1	.....
Inflammation of Brain	1	4
" Bladder	2	.....
" Bronchi	.....	2
" Kidneys	....	2
" Lungs	4	5
" Peritoneum	.....	3
" S. & Bowels	2	10
" Tonsils	.....	1
" Uterus	1	.....
Inanition	1	8
Marasmus	.....	25
Neuralgia of the Heart	1	.....
Old Age	13	.....
Obstruction of Bowels	.....	1
Paralysis	3	1
Premature Birth	.....	6
Pyemia	.....	1
Rupture of Bladder	1	.....
Scrofula	.....	1
Septicæmia	1	1
Small-pox	.....	1
Sore Throat	.....	1
Softening of Brain	1	.....
Still-born	.....	11
Suffocation	.....	1
Teething	.....	1
Tetanus	.....	2
Trismus Nascentium	.....	2
Tumor of Mesentery	1	.....
Uræmia	1	.....
	133	190

DEATHS IN EACH WARD.	
First	20
Second	16
Third	12
Fourth	13
Fifth	8
Sixth	8
Seventh	15
Eighth	5
Ninth	6
Tenth	12
Eleventh	5
Twelfth	3
Thirteenth	4
Fourteenth	7
Fifteenth	19
Sixteenth	6
Seventeenth	14
Eighteenth	12
Nineteenth	41
Twentieth	10
Twenty-first	6
Twenty-second	8
Twenty-third	8
Twenty-fourth	7
Twenty-fifth	11
Twenty-sixth	18
Twenty-seventh	13
Twenty-eighth	9
Twenty-ninth	7

Of the above there were:	
Under 1 year	108
From 1 to 2	28
" 2 to 5	23
" 5 to 10	14
" 10 to 15	7
" 15 to 20	10
" 20 to 30	22
" 30 to 40	18
" 40 to 50	19
" 50 to 60	23
" 60 to 70	17
" 70 to 80	19
" 80 to 90	13
" 90 to 100	1
" 100 to 110	1

Nativity, &c	
United States	246
Foreign	69
Unknown	8
From Almshouse	9
People of Color	8
Males	170
Females	153
Boys	105
Girls	85

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 11, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. September.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 5	20.96	29.94	29.93	29.94	67	75	71	71	55	40	71	N.W	N.W	W.	9	13	13	Clear	Clear	Fair	.....
Monday, 6	29.99	29.83	29.92	29.89	69	83	74	75	84	49	42	W.	N.W	N.	8	11	12	Fair	Fair	Fair	.....
Tuesday, 7	30.04	30.01	30.07	30.05	65	73	73	71	58	42	49	N.	N.	N.	14	10	2	Clear	Clear	Clear	.....
Wednesday, 8	30.15	30.12	30.16	30.15	64	78	70	71	72	46	75	N.	N.	S. W	1	13	12	Clear	Clear	Clear	.....
Thursday, 9	30.12	30.15	30.10	30.14	66	81	71	72	90	47	85	W.	W.	S. W	7	16	12	Clear	Clear	Cloudy	.....
Friday, 10	29.91	29.80	30.11	30.98	72	75	57	65	75	68	87	S. W	N.	N. E	12	16	14	Fair	Threaten'g	Fair	.94
Saturday, 11	30.33	30.33	30.37	30.35	49	60	55	55	57	35	61	N. E	E.	S. E.	19	12	6	Clear	Clear	Clear	.....
Means.....	.....	.....	.....	30.21	...	...	...	69	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.94

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, September 18, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Aneurism, Aorta	1	.....
Asthma	1	.....
Asphyxia	.....	3
Apoplexy	4	.....
Bright's Disease	.....	1
Burns and Scalds	1	.....
Cancer of the Stomach	2	.....
" " Uterus	3	.....
" " Vulva	1	.....
Caries of the Spine	.....	1
Casualties	3	1
Cholera Infantum	.....	19
" Morbus	1	1
Cirrhosis of the Liver	1	.....
Congestion of the Brain	2	5
" " Liver	1	.....
Consumption of Bowels	.....	1
" " Lungs	34	4
Convulsions	.....	14
" Puerperal	2	.....
Cramps	.....	1
Croup	.....	5
Cyanosis	.....	2
Debility	13	4
Degenerat'n of the Heart	1	.....
Diarrhœa	2	3
Diphtheria	.....	10
Dropsy	1	1
" Abdominal	1	.....
" of the Brain	.....	2
" " Chest	1	.....
Disease of the Brain	.....	3
" " Bladder	1	.....
" " Heart	5	1
" " Lungs	1	.....
Drowned	4	.....
Dysentery	1	1
Effusion on Brain	.....	1
Enlargement of the Liver	1	.....
Fatty Degen'at'n of Liver	1	.....
Fever, Puerperal	2	.....
" Remittent	1	.....
" Scarlet	.....	11
" Typhoid	8	4
Fracture of Skull	1	.....
Hemorrhage, Brain	.....	1
" Bowels	1	.....
" Uterus	1	.....
Hooping Cough	.....	11
Inflammation of Brain	.....	5
" Bladder	1	.....
" Bronchi	1	3
" Kidneys	1	1
" Larynx	.....	2
" Liver	3	.....
" Lungs	2	2
" Peritoneum	1	.....
" S. & Bowels	4	4
Inanition	.....	3
Intussusception	1	.....
Intemperance	2	.....
Jaundice	1	.....
Marasmus	3	25
Neuralgia of the Heart	1	.....
Old Age	4	.....
Obstruction of Bowels	1	.....
Ossification, Abd. Aorta	1	.....
Poisoning, Narcotic	1	.....
Premature Birth	.....	4
Purpura Hemorrhagica	1	.....
Pyemia	1	.....
Small-pox	.....	1
Softening of Brain	1	.....
Spasm of Glottis	.....	1
Still-born	.....	18
Suffocation	.....	1
Synovitis, Strumous	1	.....
Teething	.....	1
Tetanus	1	.....
Trismus Nascentium	.....	1
Tumor, Nose	.....	1
Uræmia	1	.....
Wounds, Gunshot	.....	1
	138	185

DEATHS IN EACH WARD.	
First	20
Second	21
Third	5
Fourth	16
Fifth	8
Sixth	8
Seventh	12
Eighth	5
Ninth	5
Tenth	7
Eleventh	9
Twelfth	6
Thirteenth	4
Fourteenth	4
Fifteenth	24
Sixteenth	6
Seventeenth	8
Eighteenth	11
Nineteenth	32
Twentieth	14
Twenty-first	7
Twenty-second	6
Twenty-third	9
Twenty-fourth	13
Twenty-fifth	12
Twenty-sixth	14
Twenty-seventh	12
Twenty-eighth	10
Twenty-ninth	15

Of the above there were:

Under 1 year	99
From 1 to 2	37
" 2 to 5	26
" 5 to 10	10
" 10 to 15	7
" 15 to 20	6
" 20 to 30	35
" 30 to 40	24
" 40 to 50	15
" 50 to 60	25
" 60 to 70	16
" 70 to 80	18
" 80 to 90	4
" 90 to 100	1
" 100 to 110	0

Nativity, &c.

United States	257
Foreign	52
Unknown	14
From Almshouse	4
People of Color	16
Males	161
Females	162
Boys	90
Girls	95

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 18, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. September.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 12	30.41	30.33	30.31	30.34	53	68	63	57	73	51	73	N. E	S. E.	E.	8	10	8	Cloudy	Cloudy	Cloudy	.....
Monday, 13	30.27	30.26	30.31	30.29	63	74	68	68	63	59	79	N. E	N. E	N. E	8	8	5	Fair	Fair	Fair	.....
Tuesday, 14	30.35	30.28	30.25	30.28	65	76	68	69	83	48	79	N. E	E.	S.	6	3	3	Cloudy	Fair	Fair	.....
Wednesday, 15	30.16	30.01	29.97	30.03	65	76	69	70	91	52	79	W.	W.	W.	3	10	8	Fair	Fair	Fair	.....
Thursday, 16	29.88	29.77	29.61	29.72	64	67	67	66	89	90	94	N. E	E.	S.	1	5	8	Cloudy	Light Rain	Cloudy	.29
Friday, 17	29.97	29.60	29.79	29.68	64	68	55	61	78	55	57	N.W	N.W	N.	7	20	20	Fair	Cloudy	Fair	.....
Saturday, 18	29.93	30.00	29.95	29.96	47	59	56	55	69	43	62	W.	N.W	E.	6	8	4	Fair	Fair	Light Rain	.05
Means.....	.....	.....	.....	30.04	...	...	...	64	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.34

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, September 25, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Asphyxia	1	.....
Apoplexy	2	.....
Bright's Disease	6	2
Burns and Scalds	.....	1
Cancer, diffused	1	.....
" of the Breast	1	.....
" " Pancreas	1	.....
" " Pylorus	1	.....
" " Rectum	1	.....
" " Stomach	3	.....
" " Uterus	1	.....
Casualties	2	.....
Cerebro-spinal Meningitis	.....	3
Cholera Infantum	.....	15
Compression of the Brain	.....	1
Congestion of the Brain	.....	3
" " Lungs	1	3
Congestive Chills	1	.....
Consumption of Bowels	1	.....
" " Lungs	35	7
Convulsions	.....	7
Croup	.....	7
Cyanosis	.....	1
Debility	4	.....
Diarrhœa	4	.....
Diphtheria	.....	12
Dropsy	1	.....
" of the Brain	.....	1
" " Chest	1	1
Disease of the Brain	1	.....
" " Heart	5	1
" " Liver	1	.....
Drowned	1	.....
Erysipelas	1	.....
Enlargement of the Liver	1	.....
Fever, Malarial	1	.....
" Puerperal	1	.....
" Scarlet	.....	3
" Typhoid	4	6
Hemorrhage, Lungs	1	.....
" Umbilical	.....	1
Hooping Cough	.....	3
Inflammation of Brain	2	7
" Bladder	1	.....
" Bronchi	.....	1
" Kidneys	2	.....
" Larynx	.....	2
" Liver	1	.....
" Lungs	2	4
Inflam'tion of S. & Bowels	3	5
" Throat	.....	1
Inanition	.....	2
Jaundice	1	.....
Leucocythemia	1	.....
Malformation	.....	1
Marasmus	.....	19
Old Age	9	.....
Paralysis	3	.....
Poisoning, Narcotic	.....	1
Premature Birth	.....	8
Purpura	1	.....
" Hemorrhagica	.....	4
Shock	1	.....
Softening of Brain	2	.....
Spina Bifida	.....	1
Still-born	.....	14
Suicide, Corro. Subli'te	1	.....
" Shooting	1	.....
Tabes Mesenterica	.....	1
Teething	.....	1
Tetanus	1	2
Tumor, Larynx	.....	1
Uræmia	1	.....
	118	153

DEATHS IN EACH WARD.	
First	11
Second	18
Third	5
Fourth	6
Fifth	5
Sixth	4
Seventh	8
Eighth	6
Ninth	5
Tenth	8
Eleventh	5
Twelfth	4
Thirteenth	5
Fourteenth	9
Fifteenth	15
Sixteenth	8
Seventeenth	5
Eighteenth	9
Nineteenth	19
Twentieth	15
Twenty-first	6
Twenty-second	17
Twenty-third	4
Twenty-fourth	11
Twenty-fifth	8
Twenty-sixth	15
Twenty-seventh	22
Twenty-eighth	8
Twenty-ninth	10

Of the above there were:

Under 1 year	79
From 1 to 2	19
" 2 to 5	25
" 5 to 10	18
" 10 to 15	2
" 15 to 20	10
" 20 to 30	26
" 30 to 40	16
" 40 to 50	22
" 50 to 60	17
" 60 to 70	17
" 70 to 80	10
" 80 to 90	9
" 90 to 100	1
" 100 to 110	0

Nativity, &c.

United States	212
Foreign	45
Unknown	14
From Almshouse	14
People of Color	12
Males	137
Females	134
Boys	79
Girls	74

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, September 25, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. September.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 19	29.67	29.66	29.80	29.72	50	50	52	51	93	78	79	N. E	N. E	E.	28	17	3	Light Rain	Cloudy	Cloudy	1.16
Monday, 20	29.85	29.82	29.99	29.91	50	64	56	57	93	43	45	E.	W.	N.W	1	—	8	Foggy	Fair	Clear	.....
Tuesday, 21	30.11	30.10	30.17	30.14	49	59	54	54	71	43	54	N.W	N.W	N.W	11	17	7	Fair	Fair	Fair	.....
Wednesday, 22	30.27	30.24	30.22	30.29	48	55	53	52	49	44	48	N.	W.	N. E	11	7	4	Fair	Fair	Cloudy	.....
Thursday, 23	30.38	30.36	30.40	30.38	48	57	53	53	77	35	60	N. E	N.W	S. W	2	3	2	Fair	Cloudy	Clear	.....
Friday, 24	30.42	30.34	30.32	30.35	49	63	54	55	77	37	61	S. W	S.	S. W	1	10	—	Clear	Fair	Clear	.....
Saturday, 25	30.23	30.05	29.95	30.04	49	66	59	58	85	49	64	S. W	S. W	S. W	5	13	9	Clear	Clear	Cloudy	.....
Means.....	.....	.....	.....	30.12	...	...	...	54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.16

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, October 2, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Liver	1	.....
Anemia	.....	1
Asthma	.....	1
Asphyxia	.....	1
Apoplexy	5	.....
Bright's Disease	2	2
Burns and Scalds	1	.....
Cancer of the Liver	1	.....
" " Stomach	2	.....
" " Uterus	3	.....
" " Vagina	1	.....
Casualties	8	2
Cerebro-spinal Meningitis	.....	1
Child-birth	1	.....
Cholera Infantum	.....	12
Congestion of the Brain	3	3
" " Lungs	.....	2
Consumption of Bowels	1	.....
" " Lungs	44	4
Convulsions	2	9
" Puerperal	1	.....
Croup	.....	18
Cyanosis	.....	2
Debility	7	5
Diarrhœa	4	4
Diphtheria	1	13
Dropsy	2	.....
" of the Brain	.....	7
" " Chest	.....	1
" " Heart	1	1
Disease of the Brain	.....	1
" " Heart	9	1
" " Hip	.....	1
" " Kidney	1	.....
" " Liver	1	1
Drowned	2	.....
Dysentery	3	1
Emphysema of Lungs	1	.....
Erysipelas	.....	1
Enlargement of the Heart	1	.....
Fever, Puerperal	1	.....
" Scarlet	.....	6
" Typhoid	7	1
" Typhus	2	1
Fracture of Skull	.....	1
Gangrene of Foot	1	.....
Hemorrhage from Uterus	1	.....
Hernia, Strangulated	2	.....
Hooping Cough	.....	5
Inflammation of Brain	2	4
" Bronchi	.....	2
" Liver	2	.....
" Lungs	5	2
" Peritoneum	4	2
" S. & Bowels	2	4
" Tonsils	.....	1
Inanition	1	3
Jaundice	.....	1
Marasmus	.....	20
Old Age	15	.....
Paralysis	5	.....
Poisoning	1	....
Premature Birth	.....	4
Pyemia	2	.....
Septicæmia	1	.....
Softening of Brain	2	..
Still-born	.....	11
Suffocation, carb. acid gas	1	.....
Suicide	1	.....
" Shooting	1	.....
Suppression of Urine	1	.....
Teething	.....	1
Ulceration of the Bowels	1	.....
	170	164

DEATHS IN EACH WARD.	
First	19
Second	14
Third	4
Fourth	9
Fifth	6
Sixth	3
Seventh	11
Eighth	7
Ninth	10
Tenth	7
Eleventh	14
Twelfth	10
Thirteenth	9
Fourteenth	4
Fifteenth	17
Sixteenth	6
Seventeenth	8
Eighteenth	17
Nineteenth	28
Twentieth	19
Twenty-first	12
Twenty-second	10
Twenty-third	7
Twenty-fourth	17
Twenty-fifth	7
Twenty-sixth	21
Twenty-seventh	15
Twenty-eighth	9
Twenty-ninth	11

Of the above there were:

Under 1 year	72
From 1 to 2	32
" 2 to 5	33
" 5 to 10	14
" 10 to 15	1
" 15 to 20	12
" 20 to 30	25
" 30 to 40	35
" 40 to 50	30
" 50 to 60	29
" 60 to 70	21
" 70 to 80	17
" 80 to 90	12
" 90 to 100	1
" 100 to 110	0

Nativity, &c

United States	248
Foreign	73
Unknown	13
From Almshouse	10
People of Color	14
Males	192
Females	142
Boys	99
Girls	65

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 2, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. September.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 26	29.77	29.82	30.00	29.89	56	61	52	56	87	40	59	N.W	N.W	S. W	15	21	7	Light Rain	Fair	Clear	.04
Monday, 27	30.06	29.96	29.98	29.99	49	69	58	58	71	39	57	W.	S. W	N. E	6	22	18	Clear	Clear	Clear	.....
Tuesday, 28	30.04	30.04	30.11	30.07	52	74	64	64	86	39	67	W.	W.	W.	11	7	7	Clear	Clear	Clear	.....
Wednesday, 29	30.07	29.96	29.91	29.96	54	74	64	64	93	43	83	N. E	S.	N. E	8	6	7	Foggy	Fair	Clear	.....
Thursday, 30	29.77	29.64	29.62	29.66	60	77	64	66	94	45	78	S. W	S. W	W.	13	15	6	Foggy	Fair	Threaten'g	.05
October. Friday, 1	29.59	29.52	29.85	29.70	57	72	48	56	81	58	71	E.	S. W	N.	5	17	16	Cloudy	Cloudy	Fair	.01
Saturday, 2	30.17	30.24	30.40	30.30	44	59	54	53	67	38	55	W.	N.W	W.	5	15	3	Clear	Fair	Clear	.....
Means.....	.....	.....	.....	29.94	...	...	...	60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.10

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, October 9, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Thigh	.....	1
" " Uterus	1	.....
Asthma	1	.....
Asphyxia	.....	1
Apoplexy	2	1
Bright's Disease	1	3
Burns and Scalds	.....	1
Cancer of the Liver	1	.....
" " Uterus	3	.....
Casualties	6	2
Cholera Infantum	.....	8
Congestion of the Brain	.....	4
" " Lungs	2	1
Consumption of Lungs	31	9
Convulsions	.....	7
Croup	.....	6
Cyanosis	.....	1
Debility	6	4
Diarrhœa	3	.....
Diphtheria	.....	14
Dropsy	3	1
" Abdominal	1	.....
" of the Brain	.....	1
" " Chest	1	.....
" " Heart	1	.....
" " Lungs	1	.....
Disease of the Brain	1	.....
" " Bladder	1	.....
" " Chest	.....	1
" " Heart	9	.....
" " Liver	1	.....
Drowned	1	1
Dysentery	2	.....
Dyspepsia	.....	1
Enlargement of the Heart	1	.....
Fatty Degen'at'n of Heart	1	.....
Fever, Gastric	.....	1
" Remittent	.....	1
" Scarlet	.....	10
" Typhoid	4	4
Gangrene of Lungs	1	.....
Hooping Cough	.....	4
Inflammation of Brain	2	4
" Bronchi	1	3
" Kidneys	1	.....
" Lungs	4	5
" Pericardium	1	.....
" Peritoneum	2	1
" Spine	1	.....
Inflam't'n of S. & Bowels	3	3
Inanition	1	4
Malformation	.....	1
Marasmus	1	14
Old Age	16	.....
Paralysis	4	1
Premature Birth	.....	9
Pyemia	1	.....
Rheumatism	1	1
Still-born	.....	17
Suffocation	.....	1
Suicide, Hanging	1	.....
" Prussic Acid	1	...
Teething	.....	1
Tetanus	1	.....
Tumor, Fibrous	1	.....
" Ovarian	1	.....
Uræmia	.....	3
Wounds, Gunshot	1	.....
	131	156

DEATHS IN EACH WARD.	
First	11
Second	11
Third	7
Fourth	10
Fifth	4
Sixth	2
Seventh	16
Eighth	3
Ninth	3
Tenth	5
Eleventh	9
Twelfth	8
Thirteenth	6
Fourteenth	3
Fifteenth	19
Sixteenth	5
Seventeenth	16
Eighteenth	6
Nineteenth	34
Twentieth	14
Twenty-first	10
Twenty-second	6
Twenty-third	4
Twenty-fourth	12
Twenty-fifth	8
Twenty-sixth	25
Twenty-seventh	13
Twenty-eighth	8
Twenty-ninth	9

Of the above there were:

Under 1 year	72
From 1 to 2	14
" 2 to 5	36
" 5 to 10	14
" 10 to 15	6
" 15 to 20	14
" 20 to 30	17
" 30 to 40	25
" 40 to 50	28
" 50 to 60	15
" 60 to 70	13
" 70 to 80	21
" 80 to 90	11
" 90 to 100	1
" 100 to 110	0

Nativity, &c

United States	216
Foreign	66
Unknown	5
From Almshouse	7
People of Color	10
Males	147
Females	140
Boys	81
Girls	75

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 9, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. October.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 3	30.55	30.44	30.39	30.44	49	65	53	56	85	38	68	S. W	S. W	S. W	1	14	8	Clear	Fair	Clear	.....
Monday, 4	30.26	30.08	30.08	30.13	54	69	62	62	93	61	83	S. W	S. W	S.	7	17	3	Cloudy	Fair	Fair	.....
Tuesday, 5	30.05	30.01	30.09	30.06	58	74	69	68	93	55	70	W.	S. W	N.W	3	6	4	Foggy	Fair	Clear	.....
Wednesday, 6	30.13	30.08	30.01	30.06	59	65	65	64	94	89	89	E.	S. W	S. E.	14	6	13	Cloudy	Light Rain	Cloudy	.01
Thursday, 7	29.91	29.98	30.04	30.00	59	58	51	55	88	58	65	N.W	N.	N.	17	20	10	Light Rain	Fair	Clear	.08
Friday, 8	30.07	30.01	30.09	30.07	46	63	58	56	76	47	69	N.W	S. W	N.W	4	13	12	Clear	Fair	Fair	N.M
Saturday, 9	30.23	30.14	30.12	30.15	46	57	49	50	61	41	63	N. E	E.	E.	13	5	5	Clear	Clear	Clear	.....
Means.....	.....	.....	.....	30.13	...	...	...	59	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.09

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea and instrumental error.

Week Ending Saturday, October 16, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Leg	.....	1
Asthma	1	1
Asphyxia	.....	2
Apoplexy	4	.....
Bright's Disease	3	.....
Burns and Scalds	1	.....
Cancer of Bladder	1	.....
" Breast	2	.....
" Liver	1	.....
" Stomach	1	.....
" Supra. cl iv. reg	1	.....
" Uterus	2	.....
Casualties	8	2
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	5
Cirrhosis of the Liver	1	.....
Congestion of the Brain	1	3
" " Lungs	2	3
Congestive Chill	1	.....
Consumption of Lungs	52	4
Convulsions	1	12
" Puerperal	1	.....
Cramps	.....	1
Croup	.....	12
Debility	7	6
Debauch	1	.....
Diarrhœa	4	1
Diphtheria	.....	12
Dropsy	2	1
" of the Brain	.....	6
" " Heart	2	.....
" " Lungs	1	.....
Disease of the Brain	2	2
" " Heart	7	2
" " Kidneys	1	.....
" " Rectum	1	.....
Drowned	2	.....
Dysentery	3	2
Dyspepsia	.....	2
Effusion on Brain	.....	1
Epilepsy	1	.....
Fatty Degen'at'n of Heart	1	.....
Fever, Bilious	1	.....
" Malarial	.....	1
" Puerperal	2	.....
" Scarlet	.....	4
" Typhoid	7	2
" Typhus	1	.....
Fracture of Skull	1	.....

CAUSES OF DEATH.	ADULTS.	MINORS.
Gangrene	1	1
" of Face	.....	1
Hemorrhage from Stom.	2	.....
Hooping Cough	.....	6
Hydrophobia	1	.....
Inflammation of Brain	1	6
" Bronchi	4	.....
" Foot	1	.....
" Lungs	8	4
" Peritoneum.	2	1
" Par'd Gland	.....	1
" S. & Bowels	6	5
" Tonsils	.....	1
Influenza	1	.....
Inanition	1	1
Intussusception	.....	1
Marasmus	1	11
Old Age	6	.....
Paralysis	8	1
Poisoning	1	.....
Premature Birth	.....	5
Rupture of Liver	1	.....
Scrofula	...	1
Septicæmia	1	.....
Small-pox	.....	1
Sore Throat	.....	3
Still-born	.....	14
Suicide, Hanging	2	.....
Teething	.....	1
Tumor, Bowels	1	.....
" Uterus	1	.....
Ulceration of the Bowels	3	.....
Unknown	1	.....
Uræmia	.....	1
	185	155

DEATHS IN EACH WARD.	
First	13
Second	10
Third	12
Fourth	7
Fifth	10
Sixth	5
Seventh	17
Eighth	5
Ninth	5
Tenth	14
Eleventh	1
Twelfth	8
Thirteenth	9
Fourteenth	7
Fifteenth	12
Sixteenth	3
Seventeenth	7
Eighteenth	11
Nineteenth	45
Twentieth	16
Twenty-first	7
Twenty-second	4
Twenty-third	10
Twenty-fourth	22
Twenty-fifth	16
Twenty-sixth	26
Twenty-seventh	24
Twenty-eighth	11
Twenty-ninth	3

Of the above there were:

Under 1 year	76
From 1 to 2	19
" 2 to 5	35
" 5 to 10	15
" 10 to 15	3
" 15 to 20	7
" 20 to 30	45
" 30 to 40	37
" 40 to 50	24
" 50 to 60	26
" 60 to 70	22
" 70 to 80	23
" 80 to 90	8
" 90 to 100	0
" 100 to 110	0

Nativity, &c

United States	264
Foreign	62
Unknown	14
From Almshouse	10
People of Color	12
Males	169
Females	171
Boys	82
Girls	73

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 16, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. October.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 10	29.99	29.86	29.84	29.88	47	61	55	54	85	66	87	E.	S. W	N.	4	11	20	Cloudy	Fair	Light Rain	.06
Monday, 11	29.94	30.02	30.12	30.05	46	46	48	47	76	68	70	N.	N.	N.W	13	15	8	Cloudy	Cloudy	Cloudy	.....
Tuesday, 12	30.24	30.29	30.43	30.34	41	49	42	43	65	37	42	N.	N.	N.	16	20	6	Cloudy	Fair	Clear	.....
Wednesday, 13	30.53	30.16	30.45	30.43	37	49	42	43	70	50	72	N. E	S. E.	E.	6	3	3	Fair	Clear	Clear	.....
Thursday, 14	30.35	30.21	30.07	30.18	38	56	51	49	71	68	78	N. E	E.	N. E	6	3	3	Cloudy	Fair	Cloudy	.....
Friday, 15	29.80	29.70	29.71	29.73	52	58	54	54	86	81	98	N. E	E.	S. W	14	4	5	Cloudy	Clearing	Cloudy	.02
Saturday, 16	29.58	29.36	29.64	29.55	51	60	44	50	93	82	75	S. W	S.	N.W	3	17	22	Light Rain	Cloudy	Cloudy	.23
Means.....	.....	.....	.....	30.02	...	...	...	49	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.31

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, October 23, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Brain	1	
" Lumbar	1	
" Pelvic	1	
Aneurism of Aorta	3	
Asthma	2	
Apoplexy	7	
Bright's Disease	2	
Burns and Scalds		2
Cancer of the Breast	1	
" " Lungs	1	
" " Stomach	1	
" " Uterus	3	
Casualties	2	
Cerebro-spinal Meningitis	1	
Cholera Infantum		3
" Morbus	1	
Cirrhosis of the Liver	2	
Congestion of the Brain	4	1
" " Lungs	1	2
Consumption of Lungs	50	5
Convulsions		6
Croup		15
Cyanosis		4
Debility	6	5
Diarrhœa		1
Diphtheria		25
Dropsy	2	1
" of the Lungs		1
Disease of the Bowels	1	
" " Heart	9	1
" " Kidneys	1	
" " Spine	1	
Drowned	1	
Dysentery	2	
Dyspepsia	1	
Elephantiasis		1
Erysipelas	1	1
Enlargement of the Liver	1	
Fever, Malarial	1	
" Puerperal	1	
" Scarlet		13
" Typhoid	4	2
Hemorrhage from Lungs	2	
" " Stomach	1	
Hernia	1	
Hooping Cough		3
Inflammation of Brain	1	8
" " Bladder	1	
" " Bronchi	3	1
Inflammation of Kidneys	1	
" Larynx		2
" Liver	2	
" Lungs	10	6
" Pericardium		2
" Peritoneum	6	1
" Pleura	2	
" S. & Bowels	6	
" Tonsils		1
Inanition	2	5
Intemperance	2	
Leucocythemia		1
Marasmus		12
Old Age	9	
Paralysis	2	1
Premature Birth		3
Purpura Hemorrhagica		2
Pyemia		2
Scrofula		1
Small-pox		2
Softening of Brain	2	
Spina Bifida		1
Still-born		12
Syphilis		1
Ulceration of the Bowels	1	
" " Throat		1
	170	157

DEATHS IN EACH WARD.	
First	18
Second	14
Third	9
Fourth	8
Fifth	7
Sixth	7
Seventh	22
Eighth	3
Ninth	5
Tenth	6
Eleventh	10
Twelfth	11
Thirteenth	9
Fourteenth	8
Fifteenth	20
Sixteenth	5
Seventeenth	5
Eighteenth	10
Nineteenth	28
Twentieth	13
Twenty-first	8
Twenty-second	5
Twenty-third	14
Twenty-fourth	14
Twenty-fifth	14
Twenty-sixth	20
Twenty-seventh	19
Twenty-eighth	6
Twenty-ninth	9

Of the above there were:

Under 1 year	55
From 1 to 2	27
" 2 to 5	38
" 5 to 10	23
" 10 to 15	5
" 15 to 20	9
" 20 to 30	26
" 30 to 40	42
" 40 to 50	26
" 50 to 60	29
" 60 to 70	14
" 70 to 80	22
" 80 to 90	9
" 90 to 100	2
" 100 to 110	0

Nativity, &c

United States	255
Foreign	60
Unknown	12
From Almshouse	13
People of Color	15
Males	163
Females	164
Boys	79
Girls	78

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 23, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. October.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 17	29.99	30.00	30.04	30.02	41	54	46	46	57	33	54	S. W	S. W	S. W	4	13	9	Fair	Clear	Clear	.....
Monday, 18	29.97	29.94	30.03	29.98	46	58	53	52	85	53	66	S. W	W.	N.W	3	4	10	Clear	Fair	Fair	.....
Tuesday, 19	30.14	30.17	30.21	30.18	46	48	44	45	69	63	59	N.	N.	N.	9	16	15	Fair	Cloudy	Cloudy	N.M
Wednesday, 20	30.23	30.13	30.10	30.14	38	56	51	49	71	34	52	N.W	N.W	W.	16	15	5	Clear	Clear	Clear	.....
Thursday, 21	30.03	29.91	29.98	29.98	46	69	60	59	61	31	48	W.	W.	W.	7	16	5	Clear	Clear	Clear	.....
Friday, 22	30.07	30.01	30.04	30.04	53	74	64	62	60	35	61	N.W	W.	S. W	2	3	7	Clear	Clear	Clear	.....
Saturday, 23	30.01	29.92	29.90	29.93	53	68	61	61	86	50	66	W.	S. W	S. W	3	9	6	Fair	Cloudy	Clear	.....
Means.....	...	...	.....	.....	30.04	...	...	...	53	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, October 30, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Spinal Cord		1
" Thigh		1
Aneurism of Aorta	1	
Asthma	2	
Apoplexy	6	
Bright's Disease	3	
Burns and Scalds		2
Cancer of the Breast	2	
" " Stomach	3	
" " Sternum	1	
Casualties	2	2
Cerebro-spinal Meningitis	2	1
Cirrhosis of the Liver	4	
Congestion of the Brain		4
" " Lungs	1	
Consumption of Bowels	1	
" " Lungs	42	4
Convulsions	1	9
Croup		10
Cyanosis		2
Debility	4	3
Diarrhœa	1	
Diphtheria		23
Dropsy	1	
" Renal	1	
" of the Brain		1
Disease of the Heart	2	1
" " Hip	1	1
" " Liver	1	
Drowned	3	1
Embolism, cerebral	1	
Erysipelas	2	
Fever, Malarial	1	
" Remittent	1	
" Scarlet		6
" Typhoid	6	5
" Typhus	1	
Hemorrhage from Bowels		1
" " Uterus	1	
Hooping Cough		1
Inflammation of Brain	1	5
" Bronchi	3	1
" Kidneys		1
" Larynx		1
" Liver	1	
" Lungs	14	5
" Peritoneum	4	
" Pleura	1	1
" S. & Bowels	1	4

CAUSES OF DEATH.	ADULTS.	MINORS.
Inanition		3
Intussusception	1	
Intemperance	1	
Marasmus	1	9
Necrosis	1	
Neuralgia of the Heart	1	
Old Age	10	
Paralysis	3	
Poisoning, Laudanum	1	
Premature Birth		4
Pyemia	2	
Scrofula		1
Septicæmia	2	
Sore Mouth		1
" Throat, Malignant		2
Softening of Brain	3	
Spina Bifida		1
Still-born		15
Suicide, Cutting Throat	1	
" Drowned	1	
Syncope	1	
Tumor, Brain	1	
" Ovarian	1	
Ulceration of the Bowels		2
Uræmia	1	
	155	135

DEATHS IN EACH WARD.	
First	12
Second	17
Third	9
Fourth	5
Fifth	7
Sixth	4
Seventh	19
Eighth	6
Ninth	7
Tenth	7
Eleventh	9
Twelfth	2
Thirteenth	8
Fourteenth	6
Fifteenth	18
Sixteenth	4
Seventeenth	7
Eighteenth	4
Nineteenth	24
Twentieth	11
Twenty-first	8
Twenty-second	9
Twenty-third	12
Twenty-fourth	9
Twenty-fifth	11
Twenty-sixth	18
Twenty-seventh	16
Twenty-eighth	8
Twenty-ninth	13

Of the above there were:	
Under 1 year	49
From 1 to 2	21
" 2 to 5	34
" 5 to 10	15
" 10 to 15	4
" 15 to 20	12
" 20 to 30	28
" 30 to 40	40
" 40 to 50	27
" 50 to 60	15
" 60 to 70	20
" 70 to 80	16
" 80 to 90	7
" 90 to 100	2
" 100 to 110	0

Nativity, &c.	
United States	218
Foreign	66
Unknown	6
From Almshouse	6
People of Color	13
Males	134
Females	156
Boys	61
Girls	74

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, October 30, 1875.

Month and Day. 1875. October.	Barometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	2 P. M.	9 P. M.	Mean Daily Value.	Rel. Humidity. 7 A. M.	2 P. M.	9 P. M.	Direction of Wind. 7 A. M.	2 P. M.	9 P. M.	Vel. of Wind. 7 A. M.	2 P. M.	9 P. M.	State of Weather. 7 A. M.	2 P. M.	9 P. M.	Rain. In.
Sunday, 24	29.82	29.73	29.80	29.79	55	73	62	63	87	46	57	W.	N.W	W.	3	4	4	Fair	Fair	Clear	.....
Monday, 25	29.88	29.84	29.99	29.92	52	73	62	62	79	34	57	W.	N.W	N. E	4	13	10	Fair	Clear	Clear	.....
Tuesday, 26	30.03	29.83	29.71	29.82	47	70	61	60	92	52	77	E.	S.	N.W	11	16	22	Fair	Fair	Light Rain	.40
Wednesday, 27	29.77	29.82	30.06	29.93	47	52	45	47	70	40	45	W.	N.W	N.W	10	26	10	Clear	Fair	Cloudy	.06
Thursday, 28	30.20	30.14	30.10	30.14	40	55	50	49	64	38	71	N.W	W.	S.	9	9	10	Clear	Fair	Clear	.....
Friday, 29	29.98	29.92	29.93	29.93	51	72	55	58	78	45	79	O	S.	E.	0	6	10	Clear	Clear	Clear	.....
Saturday, 30	29.85	29.54	29.66	29.68	55	63	45	52	87	94	76	E.	S.	N.	10	16	28	Cloudy	Light Rain	Light Rain	.55
Means.....	.....	.....	.....	29.88	...	...	...	56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.01

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, November 6, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia	.....	1
Apoplexy	3	.....
Bright's Disease	1	.....
Burns and Scalds	.....	3
Cancer of Face	1	.....
" Mouth	1	.....
" Throat	1	.....
Casualties	4	.....
Cerebro-spinal Meningitis	1	1
Cholera Infantum	.....	2
Compression of the Brain	.....	1
Congestion of the Brain	1	4
" " Liver	1	.....
" " Lungs	2	1
Consumption of Lungs	31	3
Convulsions	2	4
Croup	.....	9
Cyanosis	.....	2
Debauch	1	.....
Debility	5	5
Diarrhœa	3	.....
Diphtheria	.....	17
Dropsy	2	1
" of the Brain	.....	2
Disease of the Brain	1	.....
" " Heart	6	2
" " Liver	2	1
Drowned	1	.....
Dysentery	2	2
Embolism, femoral artery	1	.....
Emphysema	1	.....
Epilepsy	2	.....
Erysipelas	3	1
Extra Uterine Pregnancy	1	.....
Fever, Intermittent	1	.....
" Scarlet	.....	8
" Typhoid	5	4
Fracture of Skull	1	.....
Hemorrhage from Bowels	2	.....
" " Lungs	1	.....
Hernia, Strangulated	1	.....
Hooping Cough	.....	3
Hypertrophy of Heart	.....	1
Inflammation of Brain	.....	4
" Bladder	1	.....
" Bronchi	.....	3
" Kidneys	2	1
" Liver	3	.....
" Lungs	11	7
Inflam'n of Peritoneum	.....	1
" Pleura	1	.....
" S. & Bowels	2	5
Inanition	1	10
Induration of Liver	1	.....
Jaundice	.....	1
Mania a potu	1	.....
Marasmus	1	9
Measles	.....	1
Old Age	6	.....
Obstruction of Bowels	1	.....
Paralysis	8	.....
Premature Birth	.....	6
Rheumatism	1	.....
Scrofula	1	1
Small-pox	.....	2
Softening of Brain	1	.....
Stricture of Bowels	1	.....
Still-born	.....	16
Suicide, Poisoning	1	.....
" Shooting	1	.....
Syphilis	.....	1
Ulceration of the Bowels	.....	1
Unknown	1	.....
Uræmia	2	.....
Wounds, Gunshot	1	.....
	140	147

DEATHS IN EACH WARD.	
First	20
Second	12
Third	3
Fourth	10
Fifth	5
Sixth	4
Seventh	9
Eighth	10
Ninth	7
Tenth	3
Eleventh	5
Twelfth	3
Thirteenth	3
Fourteenth	7
Fifteenth	19
Sixteenth	8
Seventeenth	8
Eighteenth	13
Nineteenth	40
Twentieth	11
Twenty-first	1
Twenty-second	8
Twenty-third	7
Twenty-fourth	11
Twenty-fifth	7
Twenty-sixth	20
Twenty-seventh	21
Twenty-eighth	6
Twenty-ninth	6

Of the above there were:	
Under 1 year	62
From 1 to 2	20
" 2 to 5	27
" 5 to 10	20
" 10 to 15	8
" 15 to 20	10
" 20 to 30	27
" 30 to 40	29
" 40 to 50	19
" 50 to 60	21
" 60 to 70	19
" 70 to 80	16
" 80 to 90	8
" 90 to 100	1
" 100 to 110	0

Nativity, &c	
United States	215
Foreign	59
Unknown	13
From Almshouse	14
People of Color	14
Males	163
Females	124
Boys	85
Girls	62

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 6, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. October.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 31	29.73	29.74	29.87	29.80	39	43	37	39	55	43	53	W.	N.W	W.	12	20	10	Fair	Fair	Clear	.....
November.																					
Monday, 1	29.97	29.93	29.95	29.95	36	42	37	38	53	42	80	W.	N.W	N.W	8	14	7	Fair	Cloudy	Cloudy	.06
Tuesday, 2	29.98	30.00	30.15	30.07	34	43	35	37	79	35	52	N.W	W.	N. E	15	21	8	Clear	Fair	Clear	.....
Wednesday, 3	30.12	30.01	29.94	30.00	30	40	35	35	79	48	80	N.W	S. W	S. W	7	4	6	Fair	Cloudy	Light Rain	.04
Thursday, 4	29.72	29.75	29.92	29.83	35	38	37	37	90	80	71	N. E	N. E	N.W	13	11	6	Light Rain	Cloudy	Fair	.58
Friday, 5	30.03	30.00	30.06	30.04	33	39	39	37	69	54	63	N. E	N. E	N.	4	6	6	Cloudy	Cloudy	Clear	.....
Saturday, 6	30.18	30.19	30.23	30.20	34	46	43	41	69	47	66	N.	N.	W.	15	7	3	Clear	Clear	Clear	.....
Means.....	.....	.....	.....	29.98	...	...	...	38	.....	.....	.....	.....	.....	.....	.	.....	.....	.....	.....	.....	.68

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, November 13, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lungs	2	.....
Asthma	3	.....
Apoplexy	4	.....
Bright's Disease	1	.....
Cancer, Abdominal	.....	1
" of the Stomach	1	.....
" " Toe	1	.....
" " Uterus	1	.....
Casualties	3	1
Cerebro-spinal Meningitis	.....	1
Collapse of Lungs	.....	1
Cholera Infantum	.....	4
Cirrhosis of the Liver	1	.....
Congestion of the Brain	3	7
" " Lungs	2	3
Consumption of Lungs	46	6
Convulsions	1	13
Croup	.....	19
Debility	5	2
Diabetes	1	.....
Diphtheria	1	18
Dropsy	2	1
" of the Brain	.....	1
" " Lungs	1	.....
Disease of the Chest	1	.....
" " Heart	8	.....
Drowned	2	.....
Dysentery	1	1
Eczema	.....	1
Enlargement of the Heart	1	.....
Erysipelas	1	.....
Fatty Degen'at'n of Liver	1	.....
Fever, Remittent	2	.....
" Scarlet	.....	7
" Typhoid	4	3
Gout	.....	1
Hemorrhage from Stom'h	1	.....
Hooping Cough	.....	1
Inflammation of Brain	1	5
" Bronchi	2	6
" Larynx	.....	5
" Liver	1	.....
" Lungs	10	7
" Pericardium	.....	2
" Peritoneum	5	.....
" S. & Bowels	1	2
" Uterus	1	.....
Inanition	.....	7
Intemperance	2	.....
Lymphadenoma	1	.....
Marasmus	.....	8
Murder	1	.....
Old Age	5	.....
Paralysis	1	1
Premature Birth	.....	2
Purpura Hemorrhagica	1	2
Pyemia	1	.....
Rheumatism	1	.....
Scrofula	.....	1
Sore Mouth	.....	1
Still-born	.....	18
Suicide, Drowning	1	.....
Tabes Mesenterica	1	1
Tetanus	1	.....
Ulceration of the Bowels	2	.....
" " Tonsils	.....	1
Unknown	1	1
Uræmia	1	.....
	142	162

DEATHS IN EACH WARD.	
First	13
Second	15
Third	14
Fourth	11
Fifth	14
Sixth	3
Seventh	12
Eighth	12
Ninth	6
Tenth	3
Eleventh	6
Twelfth	6
Thirteenth	4
Fourteenth	9
Fifteenth	13
Sixteenth	6
Seventeenth	3
Eighteenth	17
Nineteenth	31
Twentieth	10
Twenty-first	11
Twenty-second	10
Twenty-third	4
Twenty-fourth	11
Twenty-fifth	13
Twenty-sixth	22
Twenty-seventh	15
Twenty-eighth	6
Twenty-ninth	4

Of the above there were:

Under 1 year	74
From 1 to 2	21
" 2 to 5	35
" 5 to 10	24
" 10 to 15	1
" 15 to 20	7
" 20 to 30	35
" 30 to 40	39
" 40 to 50	15
" 50 to 60	16
" 60 to 70	20
" 70 to 80	12
" 80 to 90	5
" 90 to 100	0
" 100 to 110	0

Nativity, &c.

United States	232
Foreign	66
Unknown	6
From Almshouse	4
People of Color	17
Males	158
Females	146
Boys	81
Girls	81

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 13, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. November.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 7	30.23	30.16	30.15	30.17	37	49	45	44	80	57	67	W.	S. W	N.	3	5	3	Cloudy	Hazy	Cloudy	.....
Monday, 8	30.14	30.10	30.28	30.21	41	46	41	42	65	54	56	N. E	E.	N. E	18	12	7	Cloudy	Fair	Clear	.....
Tuesday, 9	30.37	30.33	30.31	30.33	33	45	39	39	69	60	71	N. E	E.	E.	12	8	6	Clear	Clear	Cloudy	.....
Wednesday, 10	30.02	29.66	29.66	29.75	40	40	42	41	100	100	83	E.	N. E	N.W	12	23	19	Light Rain	Light Rain	Cloudy	1.46
Thursday, 11	29.84	29.95	30.06	29.97	42	50	45	45	66	32	54	N.W	N.W	W.	2	26	6	Clear	Clear	Clear	.....
Friday, 12	30.14	30.04	30.04	30.06	38	60	48	48	71	29	56	W.	S. W	S. W	10	15	8	Clear	Clear	Clear	.....
Saturday, 13	30.02	29.90	29.88	29.92	40	62	52	52	91	41	60	W.	S. W	S. W	4	8	8	Clear	Hazy	Cloudy	.....
Means.....	.....	.....	.....	30.06	...	...	...	44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.46

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, November 20, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia		1
Aneurism of the Aorta	2	
Asthma	1	
Apoplexy	5	
Bright's Disease	5	
Burns and Scalds	1	2
Cancer of the Breast	2	
" " Stomach	1	
" " Uterus	1	
Casualties	4	5
Choking	1	
Chicken Pox		1
Congestion of the Brain	3	1
" " Lungs	2	1
Consumption of Lungs	46	3
Convulsions	1	14
" Puerperal	1	
Cramps		1
Croup		8
Cyanosis		1
Debility	8	10
Diabetes	1	
Diphtheria		17
Dropsy, Abdominal	1	
" of the Brain		1
Disease of the Heart	7	3
Drowned	3	
Dysentery	1	1
Erysipelas	1	
Fatty Liver	1	
Fever, Puerperal	1	
" Scarlet		11
" Typhoid	5	2
Hemorrhage from Lungs	3	
" " Uterus	1	
" Umbilical		1
Hysteria	1	
Inflammation of Brain	1	4
" Brouchi	2	4
" Larynx		2
" Liver	1	
" Lungs	14	6
" Peritoneum	3	
" S. & Bowels	1	1
Inanition		4
Influenza		1
Intemperance	1	
Jaundice		2
Mania a potu	1	
Marasmus	1	9
Murder	1	
Old Age	11	
Paralysis	5	
Premature Birth		10
Small-pox		2
Sore Mouth		1
Softening of Brain	3	
Still-born		19
Suicide, Shooting	1	
Syphilis		1
Tabes Mesenterica		1
Tetanus	1	
Trismus Nascentium		2
Ulceration of the Stom	1	
Unknown		1
Uræmia	3	
Wounds, Gunshot		1
	161	155

DEATHS IN EACH WARD.	
First	14
Second	12
Third	11
Fourth	11
Fifth	9
Sixth	1
Seventh	14
Eighth	5
Ninth	4
Tenth	8
Eleventh	9
Twelfth	6
Thirteenth	7
Fourteenth	3
Fifteenth	25
Sixteenth	8
Seventeenth	10
Eighteenth	13
Nineteenth	28
Twentieth	15
Twenty-first	4
Twenty-second	10
Twenty-third	7
Twenty-fourth	15
Twenty-fifth	12
Twenty-sixth	26
Twenty-seventh	14
Twenty-eighth	3
Twenty-ninth	12

Of the above there were:

Under 1 year	76
From 1 to 2	20
" 2 to 5	28
" 5 to 10	16
" 10 to 15	9
" 15 to 20	6
" 20 to 30	27
" 30 to 40	38
" 40 to 50	33
" 50 to 60	12
" 60 to 70	18
" 70 to 80	21
" 80 to 90	10
" 90 to 100	2
" 100 to 110	0

Nativity, &c.

United States	231
Foreign	68
Unknown	17
From Almshouse	8
People of Color	15
Males	166
Females	150
Boys	81
Girls	74

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 20, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. November.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 14	29.73	29.57	29.65	29.65	43	57	49	49	91	75	85	E.	S. W	N.	9	6	12	Cloudy	Fair	Fair	.05
Monday, 15	29.73	29.72	29.79	29.76	42	44	44	43	91	92	92	E.	S. E.	E.	5	7	3	Threaten'g	Cloudy	Fair	.02
Tuesday, 16	29.76	29.54	29.78	29.71	43	51	42	44	100	100	42	E.	W.	N.W	3	8	26	Foggy	Light Rain	Fair	.17
Wednesday, 17	29.98	30.13	30.32	30.18	33	36	32	33	50	70	60	N.W	N.W	N.W	27	28	10	Clear	Fair	Clear	.....
Thursday, 18	30.40	30.25	30.14	30.23	29	40	38	36	68	40	63	W.	S. W	S. W	3	14	18	Fair	Fair	Cloudy	.....
Friday, 19	29.93	29.80	29.86	29.86	39	52	47	46	61	60	77	S. W	S. W	W.	12	10	7	Cloudy	Fair	Fair	.04
Saturday, 20	29.99	30.07	30.15	30.08	43	39	39	40	75	81	81	N. E	E.	N.	7	9	4	Light Rain	Light Rain	Clear	.20
Means.....	.....	.....	.....	29.92	...	...	...	41	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.48

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, November 27, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Internal	.....	1
" of Lung	1	.....
Aneurism of Aorta	1	.....
" Subclavian Art'y	1	.....
Apoplexy	3	.....
Bright's Disease	4	.....
Burns and Scalds	.....	1
Cancer of the Breast	1	.....
" " Face & Neck	1	.....
" " Liver	1	.....
" " Stomach	2	.....
" " Uterus	3	.....
Casualties	1	.....
Cerebro-spiual Meningitis	.....	1
Congestion of the Brain	3	3
" " Lungs	.....	2
" " Stom'h	1	.....
Consumption of Bowels	1	.....
" " Lungs	35	6
Convulsions	.....	14
Cirrhosis of the Liver	3	.....
Croup	.....	11
Debility	7	8
Diarrhœa	1	2
Diphtheria	.....	12
Dropsy, Abdominal	1	.....
" of the Brain	.....	3
" " Heart	2	.....
" " Lungs	1	.....
Disease of the Brain	1	.....
" " Heart	10	.....
Dysentery	1	.....
Empyema	1	.....
Erysipelas	1	.....
Epilepsy	1	.....
Fever, Remittent	.....	2
" Scarlet	.....	6
" Typhoid	6	1
Hooping Cough	.....	2
Inflammation of Brain	.....	3
" Bronchi	1	5
" Larynx	.....	1
" Liver	1	.....
" Lungs	16	5
" Pericardium	1	.....
" Peritoneum	3	2
" S. & Bowels	5	2
" Spinal Cord	.....	1
Inanition	1	2
Marasmus	1	4
Neuralgia of the Heart	1	1
Old Age	7	.....
Obstruction of Bowels	1	2
Paralysis	5	.....
Premature Birth	.....	6
Pyemia	1	.....
Rheumatism	2	1
" of the Heart	1	.....
Small-pox	2	1
Softening of Brain	1	.....
Still-born	.....	13
Suicide, Hanging	1	.....
Tetanus	.....	2
Tumor, Abdominal	1	.....
" Ovarian	1	.....
Unknown	.....	1
	148	127

DEATHS IN EACH WARD.	
First	12
Second	10
Third	7
Fourth	9
Fifth	7
Sixth	4
Seventh	11
Eighth	13
Ninth	6
Tenth	8
Eleventh	3
Twelfth	0
Thirteenth	10
Fourteenth	5
Fifteenth	15
Sixteenth	5
Seventeenth	7
Eighteenth	10
Nineteenth	28
Twentieth	17
Twenty-first	3
Twenty-second	12
Twenty-third	5
Twenty-fourth	15
Twenty-fifth	8
Twenty-sixth	11
Twenty-seventh	13
Twenty-eighth	5
Twenty-ninth	16

Of the above there were:

Under 1 year	57
From 1 to 2	26
" 2 to 5	24
" 5 to 10	8
" 10 to 15	7
" 15 to 20	5
" 20 to 30	24
" 30 to 40	24
" 40 to 50	27
" 50 to 60	22
" 60 to 70	20
" 70 to 80	19
" 80 to 90	8
" 90 to 100	4
" 100 to 110	0

Nativity, &c.

United States	211
Foreign	50
Unknown	14
From Almshouse	10
People of Color	17
Males	129
Females	146
Boys	73
Girls	54

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, November 27, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. November.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 21	30.18	30.13	30.31	30.23	38	41	40	40	90	100	82	N. E	N.W	N.	7	7	8	Light Rain	Cloudy	Clear	.20
Monday, 22	30.62	30.67	30.75	30.70	27	35	31	31	65	52	68	N.	E.	S.	13	7	5	Clear	Clear	Clear	.....
Tuesday, 23	30.54	30.15	30.06	30.21	34	42	40	39	70	100	100	N. E	N.W	S. W	8	14	14	Threaten'g	He'vy Rain	Light Rain	1.80
Wednesday, 24	30.13	30.25	30.48	30.33	45	45	38	41	76	39	46	N.W	N.W	N.	11	20	12	Cloudy	Fair	Clear	.01
Thursday, 25	30.63	30.61	30.56	30.59	30	43	34	35	78	43	79	N.	S. E.	S.	7	3	4	Clear	Clear	Clear	.....
Friday, 26	30.35	30.05	30.00	30.10	37	54	49	47	80	86	93	E.	S.	W.	5	18	3	Cloudy	Light Rain	Cloudy	.76
Saturday, 27	30.14	30.27	30.41	30.31	41	44	38	40	73	51	63	N.	N.	N. E	11	13	5	Clear	Fair	Clear	.....
Means.....	.....	.....	.....	30.35	...	...	...	39	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.77

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, December 4, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Anemia	1	.....
Asthma	2	.....
Apoplexy	10	.....
Bright's Disease	4	.....
Burns and Scalds	.....	2
Cancer of the Bowels	1	.....
" " Breast	2	.....
" " Liver	1	.....
" " Neck	1	.....
" " Stomach	1	.....
" " Uterus	1	.....
Caries of the Spine	.....	1
Casualties	4	.....
Cerebro-spiual Meningitis	.....	2
Cirrhosis of the Liver	1	.....
Congestion of the Brain	3	2
" " Lungs	.....	2
Consumption of Lungs	39	3
Convulsions	5	9
" Puerperal	1	.....
Croup	.....	11
Cyanosis	.....	1
Debility	4	6
Diabetes	1	.....
Diarrhœa	2	.....
Diphtheria	.....	21
Dropsy	2	.....
" of the Brain	.....	1
" " Heart	1	1
Disease of the Brain	2	1
" " Heart	11	1
" " Liver	1	.....
" " Lungs	1	.....
Drowned	2	.....
Dysentery	.....	1
Effusion on Brain	1	.....
Erysipelas	1	.....
Epilepsy	2	.....
Exposure	1	.....
Fatty Liver	.....	1
Fever, Bilious	.....	1
" Catarrhal	.....	1
" Scarlet	.....	9
" Typhoid	6	3
" Typhus	1	.....
Hemorrhage from Uterus	1	.....
Heart Clot	1	.....
Hernia, Strangulated	1	.....
Hooping Cough	.....	1
Hypertrophy of Heart	.....	1
Hydrophobia	.....	1
Inflammation of Brain	1	7
" Bronchi	2	3
" Kidneys	1	1
" Larynx	.....	1
" Liver	1	1
" Lungs	13	9
" Pericardium	1	.....
" Peritoneum	4	.....
" S. & Bowels	2	3
Inanition	1	5
Marasmus	.....	8
Neuralgia of the Heart	1	.....
Old Age	7	.....
Paralysis	9	.....
Premature Birth	.....	4
Pelvic Cellulitis	1	.....
Purpura Hemorrhagica	.....	1
Rheumatism of Heart	.....	1
Small-pox	2	.....
Softening of Brain	2	.....
Still-born	.....	6
Tabes Mesenterica	.....	1
Tumor, Brain	.....	1
" Ovarian	1	.....
	168	135

DEATHS IN EACH WARD.	
First	9
Second	13
Third	5
Fourth	6
Fifth	9
Sixth	4
Seventh	13
Eighth	6
Ninth	3
Tenth	9
Eleventh	9
Twelfth	6
Thirteenth	8
Fourteenth	15
Fifteenth	18
Sixteenth	4
Seventeenth	7
Eighteenth	14
Nineteenth	27
Twentieth	16
Twenty-first	7
Twenty-second	7
Twenty-third	11
Twenty-fourth	14
Twenty-fifth	11
Twenty-sixth	13
Twenty-seventh	18
Twenty-eighth	11
Twenty-ninth	10

Of the above there were:

Under 1 year	50
From 1 to 2	18
" 2 to 5	33
" 5 to 10	20
" 10 to 15	9
" 15 to 20	5
" 20 to 30	37
" 30 to 40	32
" 40 to 50	28
" 50 to 60	26
" 60 to 70	19
" 70 to 80	16
" 80 to 90	8
" 90 to 100	2
" 100 to 110	0

Nativity, &c.

United States	222
Foreign	64
Unknown	17
From Almshouse	17
People of Color	17
Males	168
Females	135
Boys	75
Girls	60

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 4, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. NOVEMBER.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 28	30.43	30.28	30.07	30.21	32	42	44	40	79	74	75	E.	E.	S. W	2	3	12	Cloudy	Cloudy	Cloudy	.01
Monday, 29	29.93	30.01	30.27	30.12	43	41	21	41	83	41	56	W.	N.W	N.	7	26	24	Cloudy	Fair	Clear	.....
Tuesday, 30	30.44	30.38	30.40	30.40	10	15	15	14	58	47	64	N.	N.	N. E	17	16	12	Clear	Fair	Cloudy	.....
DECEMBER.																					
Wednesday, 1	30.33	30.25	30.32	30.30	14	21	22	20	46	71	44	N.	N.	N.	8	9	10	Cloudy	Cloudy	Cloudy	.....
Thursday, 2	30.46	30.51	30.58	30.53	16	29	27	25	33	46	68	N.	E.	E.	10	5	4	Fair	Clear	Clear	.....
Friday, 3	30.55	30.46	30.38	30.44	20	32	34	30	55	79	61	N. E	E.	N.W	12	3	4	Cloudy	Cloudy	Cloudy	.....
Saturday, 4	30.25	30.16	30.15	30.18	34	40	40	39	79	82	82	W.	N.W	N.W	3	7	9	Foggy	Threaten'g	Cloudy	.05
Means.....	.....	.....	.....	30.31	...	...	...	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.06

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, December 11, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lung	1	.....
" " Throat	.....	1
Aneurism, Cerebral	1	.....
Apoplexy	7	1
Bright's Disease	3	.....
Burns and Scalds	1	1
Cancer of the Abdomen	1	.....
" " Breast	2	.....
" " Liver	1	.....
" " Œsophagus	1	.....
" " Stomach	3	1
" " Pylorus	1	.....
Casualties	8	1
Cerebro-spinal Meningitis	1	.....
Cholera Infantum	.....	1
Cirrhosis of the Liver	2	.....
Congestion of the Brain	2	1
" " Lungs	.....	1
Consumption of Lungs	45	3
Convulsions	1	13
Cramps	.....	1
Croup	.....	13
Cyanosis	.....	1
Debility	4	2
Diarrhœa	1	.....
Diphtheria	.....	20
Dropsy	4	.....
" Abdominal	2	.....
" of the Brain	.....	1
" " Chest	2	.....
Disease of the Brain	2	1
" " Heart	15	1
" " Liver	1	.....
Drowned	1	.....
Dyspepsia	1	.....
Embolism, Cerebral	1	.....
Epilepsy	1	.....
Erysipelas	1	.....
Exposure	.....	2
Fatty Degen'at'n of Heart	2	.....
Fever, Puerperal	2	.....
" Scarlet	.....	13
" Typhoid	6	2
" Typhus	.....	1
Hemorrhage from Lungs	2	.....
" " Stomach	1	.....
Hooping Cough	.....	1
Hypertrophy of Heart	1	.....
Inflammation of Brain	.....	7
Inflammation of Bladder	3	.....
" Bronchi	1	10
" Diaphragm	1	.....
" Lungs	9	4
" Peritoneum	2	2
" S. & Bowels	2	2
" Throat	.....	1
" Uterus	1	.....
Inanition	3	6
Jaundice	1	1
Leucocythemia	1	.....
Marasmus	.....	8
Murder	1	1
Neuralgia of the Heart	1	.....
Old Age	9	.....
Paralysis	4	.....
Premature Birth	.....	3
Pyemia	1	.....
Scurvy	1	.....
Septicæmia	1	.....
Shock	1	.....
Small-pox	1	3
Softening of Brain	1	.....
Still-born	.....	24
Teething	.....	2
Tumor, Brain	1	.....
" Spine	.....	1
" Stomach	1	.....
	178	158

DEATHS IN EACH WARD.	
First	21
Second	13
Third	6
Fourth	7
Fifth	8
Sixth	5
Seventh	13
Eighth	13
Ninth	8
Tenth	13
Eleventh	9
Twelfth	3
Thirteenth	6
Fourteenth	4
Fifteenth	17
Sixteenth	4
Seventeenth	9
Eighteenth	11
Nineteenth	31
Twentieth	18
Twenty-first	4
Twenty-second	7
Twenty-third	5
Twenty-fourth	20
Twenty-fifth	21
Twenty-sixth	18
Twenty-seventh	16
Twenty-eighth	11
Twenty-ninth	15

Of the above there were:

Under 1 year	77
From 1 to 2	16
" 2 to 5	37
" 5 to 10	18
" 10 to 15	0
" 15 to 20	10
" 20 to 30	30
" 30 to 40	30
" 40 to 50	29
" 50 to 60	25
" 60 to 70	31
" 70 to 80	23
" 80 to 90	7
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	251
Foreign	65
Unknown	20
From Almshouse	12
People of Color	19
Males	182
Females	154
Boys	85
Girls	73

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 11, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. December.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 5	30.06	29.91	29.77	29·88	33	35	33	33	79	69	100	E.	E.	N. E	7	14	16	Cloudy	Cloudy	He'vy Rain	.76
Monday, 6	29.70	29.75	29.83	29.78	34	34	34	34	90	90	90	N. E	E.	N. E	16	12	4	Light Rain	Foggy	Cloudy	.46
Tuesday, 7	29.77	29.60	29.46	29.57	34	37	38	37	90	90	90	E.	E.	N. E	1	7	13	Foggy	Light Rain	Cloudy	.27
Wednesday, 8	29.49	29.54	29.66	29.59	35	39	37	37	100	91	90	E.	E.	E.	12	2	4	Light Rain	Light Rain	Light Rain	.42
Thursday, 9	29.70	29.70	29.80	29.75	40	43	39	40	91	95	71	E.	N.W	N.	1	10	10	Foggy	Cloudy	Cloudy	.....
Friday, 10	29.95	30.02	30.11	30.05	35	36	35	35	80	62	70	N.W	N.W	N.W	12	21	10	Cloudy	Fair	Cloudy	N.M
Saturday, 11	30.06	29.88	29.80	29.88	34	38	39	38	70	54	63	W.	S. W	S. W	7	12	6	Cloudy	Cloudy	Cloudy	.....
Means.....	.....	.....	.....	29.78	...	...	...	36	....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.91

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, December 18, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess of Lumbar	1	.....
Apoplexy	1	.....
Asthma	2	.....
Bright's Disease	3	1
Burns and Scalds	1	1
Cancer of the Breast	2	.....
" " Colon	1	.....
" " Liver	.....	1
" " Uterus	1	.....
Casualties	6	2
Cerebro-spinal Meningitis	.....	1
Cholera Infantum	.....	1
Cirrhosis of the Liver	1	.....
Congestion of the Brain	4	5
" " Liver	1	1
" " Lungs	2	2
" " Stom'h.	.....	1
Consumption of Lungs	44	4
Convulsions	1	12
Croup	.....	9
Cyanosis	.....	2
Debility	5	8
Diarrhœa	1	.....
Diphtheria	.....	19
Dropsy	4	1
" Abdominal	2	.....
" of the Brain	.....	2
" " Chest	.....	1
" " Heart	1	.....
" " Lungs	.....	1
Disease of the Bowels	.....	1
" " Heart	13	3
" " Hip	.....	1
Drowned	.....	1
Dyspepsia	1	.....
Emphysema	1	.....
Erysipelas	1	.....
Fatty Degen'at'n of Heart	1	.....
Fever, Bilious	.....	1
" Puerperal	.....	1
" Scarlet	.....	11
" Typhoid	6	3
Fracture of Femur	2	.....
Gangrene	2	1
Hemorrhage from Kidn'y	1	.....
" " Lungs	1	.....
" " Uterus	2	.....
Hooping Cough	.....	4
Inflammation of Brain	3	7
Inflammation of Bladder	1	.....
" Bronchi	1	9
" Kidneys	1	.....
" Larynx	.....	1
" Lungs	13	9
" Ovaries	1	.....
" Peritoneum	1	.....
" Pleura	.....	1
" S. & Bowels	.....	7
Inanition	1	3
Jaundice	.....	2
Leucocythemia	.....	1
Marasmus	.....	8
Old Age	13	.....
Paralysis	5	2
Poisoning, Narcotic	1	.....
Premature Birth	.....	8
Small-pox	2	2
Softening of Brain	3	.....
Still-born	.....	17
Suffocation	.....	1
Tumor, Brain	1	.....
Uræmia	1	.....
	163	180

DEATHS IN EACH WARD.	
First	14
Second	4
Third	10
Fourth	15
Fifth	12
Sixth	2
Seventh	11
Eighth	11
Ninth	8
Tenth	10
Eleventh	15
Twelfth	5
Thirteenth	7
Fourteenth	8
Fifteenth	14
Sixteenth	3
Seventeenth	7
Eighteenth	10
Nineteenth	45
Twentieth	12
Twenty-first	10
Twenty-second	13
Twenty-third	7
Twenty-fourth	15
Twenty-fifth	14
Twenty-sixth	23
Twenty-seventh	18
Twenty-eighth	10
Twenty-ninth	10

Of the above there were:

Under 1 year	81
From 1 to 2	19
" 2 to 5	41
" 5 to 10	18
" 10 to 15	11
" 15 to 20	10
" 20 to 30	33
" 30 to 40	34
" 40 to 50	25
" 50 to 60	20
" 60 to 70	24
" 70 to 80	13
" 80 to 90	12
" 90 to 100	1
" 100 to 110	1

Nativity, &c.

United States	280
Foreign	58
Unknown	5
From Almshouse	9
People of Color	18
Males	174
Females	169
Boys	89
Girls	91

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 18, 1875.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. December.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 12	29.74	29.66	29.67	29.68	35	43	35	37	70	51	61	N.W	N.W	W.	8	15	6	Cloudy	Fair	Clear	.....
Monday, 13	29.47	29.43	29.61	29.55	31	41	35	34	80	41	52	W.	N.W	N.W	12	23	18	Cloudy	Fair	Fair	.....
Tuesday, 14	29.68	29.73	29.86	29.78	29	31	27	28	89	79	66	W.	N.W	N.W	11	28	22	Cloudy	Fair	Clear	.....
Wednesday, 15	29.98	29.86	29.76	29.84	26	33	32	31	76	61	69	N.W	W.	S. W	13	19	9	Cloudy	Cloudy	Cloudy	.05
Thursday, 16	29.90	29.83	29.71	29.79	33	44	39	39	69	52	81	N.W	S.	E.	5	8	3	Fair	Fair	Clear	.....
Friday, 17	29.73	29.80	29.80	29.78	35	27	18	24	70	66	68	N.W	W.	N.W	12	18	24	Cloudy	Cloudy	Clear	N.M
Saturday, 18	30.01	30.01	30.09	30.05	15	20	17	18	65	70	67	N.W	N.W	W.	16	24	9	Clear	Fair	Fair	.....
Means.....	.....	.....	.....	29.78	.....	.....	.....	30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.05

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.
Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, December 25, 1875.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Liver	1	.....
" Pelvic	1	.....
Apoplexy	4	.....
Bright's Disease	4	1
Burns and Scalds	.....	1
Cancer of the Liver	1	.....
" " Stomach	3	.....
" " Uterus	4	.....
Casualties	1	1
Cerebro-spinal Meningitis	1	2
Cholera Infantum	.....	1
Cirrhosis of the Liver	4	.....
Concussion of Brain	1	.....
Congestion of the Brain	5	4
" " Liver	1	.....
" " Lungs	2	3
Consumption of Lungs	35	4
Convulsions	1	14
" Puerperal	1	.....
Croup	.....	12
Cyanosis	.....	2
Debility	3	6
Diarrhœa	1	1
Diphtheria	.....	23
Dropsy	1	.....
" of the Brain	.....	3
" " Chest	1	.....
" " Heart	1	.....
" " Larynx	.....	1
Disease of the Brain	2	.....
" " Heart	9	1
" " Kidneys	1	.....
" " Liver	1	.....
Effusion on Brain	.....	1
Epilepsy	.....	1
Fever, Hectic	.....	1
" Puerperal	1	.....
" Scarlet	.....	10
" Typhoid	8	3
" Typhus	1	.....
Frozen to Death	1	.....
Gangrene	.....	1
Hemorrhage from Lungs	1	.....
" Umbilical	.....	1
Hypertrophy of Heart	1	.....
Inflammation of Brain	1	5
" Bronchi	4	12
" Larynx	1	.....
" Liver	4	.....
Inflammation of Lungs	17	8
" Pericardium	.....	1
" Peritoneum	.....	1
" S. & Bowels	3	4
Inanition	1	3
Intemperance	1	.....
Malformation	.....	1
Marasmus	.....	6
Measles	.....	1
Old Age	9	.....
Obstruction of Bowe's	.....	1
Paralysis	3	.....
Premature Birth	.....	2
Small-pox	3	4
Softening of Brain	4	.....
Still-born	.....	15
Tumor, Brain	1	.....
Ulceration of the Colon	1	.....
Uræmia	1	.....
	157	162

DEATHS IN EACH WARD.	
First	14
Second	10
Third	7
Fourth	11
Fifth	8
Sixth	2
Seventh	8
Eighth	10
Ninth	3
Tenth	14
Eleventh	5
Twelfth	3
Thirteenth	9
Fourteenth	5
Fifteenth	23
Sixteenth	2
Seventeenth	11
Eighteenth	10
Nineteenth	36
Twentieth	16
Twenty-first	13
Twenty-second	3
Twenty-third	6
Twenty-fourth	13
Twenty-fifth	15
Twenty-sixth	33
Twenty-seventh	12
Twenty-eighth	9
Twenty-ninth	8

Of the above there were:

Under 1 year	76
From 1 to 2	24
" 2 to 5	42
" 5 to 10	11
" 10 to 15	3
" 15 to 20	6
" 20 to 30	22
" 30 to 40	27
" 40 to 50	29
" 50 to 60	28
" 60 to 70	21
" 70 to 80	15
" 80 to 90	14
" 90 to 100	1
" 100 to 110	0

Nativity, &c.

United States	244
Foreign	68
Unknown	7
From Almshouse	6
People of Color	10
Males	172
Females	147
Boys	91
Girls	71

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, December 25, 1875.

Month and Day. 1875. December.	Barometer. 7 A. M.	Barometer. 2 P. M.	Barometer. 9 P. M.	Mean Daily Value.	Thermometer. 7 A. M.	Thermometer. 2 P. M.	Thermometer. 9 P. M.	Mean Daily Value.	Rel. Humidity 7 A. M.	Rel. Humidity 2 P. M.	Rel. Humidity 9 P. M.	Direction of Wind 7 A. M.	Direction of Wind 2 P. M.	Direction of Wind 9 P. M.	Vel. of Wind. 7 A. M.	Vel. of Wind. 2 P. M.	Vel. of Wind. 9 P. M.	State of Weather. 7 A. M.	State of Weather. 2 P. M.	State of Weather. 9 P. M.	Rain. In.
Sunday, 19	30.23	30.32	30.60	30.44	16	22	12	15	66	58	61	W.	N.W	N. E	12	22	10	Cloudy	Fair	Clear	.....
Monday, 20	30.74	30.62	30.57	30.62	8	30	30	24	55	59	78	E.	S. W	S. W	6	7	4	Clear	Clear	Clear	.....
Tuesday, 21	30.45	30.30	30.19	30.28	27	46	42	39	77	54	65	W.	S. W	S. W	6	12	12	Clear	Fair	Cloudy	.....
Wednesday, 22	30.05	29.99	29.96	29.99	45	61	47	50	92	60	77	W.	W.	S. W	5	15	12	Fair	Clear	Clear	.09
Thursday, 23	29.83	29.78	29.97	29.89	39	65	58	55	91	48	57	S. W	N.W	N.W	12	11	8	Smoky	Fair	Clear	.....
Friday, 24	30.22	30.18	29.98	30.09	38	35	39	38	80	90	100	E.	E.	E.	17	16	12	Cloudy	Light Rain	Light Rain	.52
Saturday, 25	29.84	29.82	30.10	29.96	35	43	43	41	100	100	91	E.	S. W	W.	11	7	1	Foggy	Foggy	Clear	.07
Means.....	.....	.....	.....	30.18	...	...	...	37	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.68

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

Week Ending Saturday, January 1, 1876.

CAUSES OF DEATH.	ADULTS.	MINORS.
Abscess, Liver	.....	1
" Neck	1	.....
Anemia	1	.....
Apoplexy	6	.....
Bright's Disease	5	.....
Burns and Scalds	2	2
Cancer of the Bladder	1	.....
" " Breast	1	.....
" " Stomach	1	.....
" " Uterus	2	.....
Casualties	7	.....
Cerebro-spinal Meningitis	.....	1
Congestion of the Brain	2	1
" " Lungs	1	1
Consumption of Bowels	1	.....
" " Lungs	36	8
Congestive Chill	1	.....
Convulsions	4	18
Croup	.....	8
Cyanosis	.....	1
Debility	4	8
Diarrhœa	5	.....
Diphtheria	.....	14
Dropsy	4	.....
" Abdominal	1	.....
" of the Brain	.....	3
" " Glottis	.....	1
" " Heart	1	.....
Disease of the Brain	1	1
" " Heart	16	.....
" " Skin	.....	1
" " Throat	.....	1
Drowned	4	.....
Dysentery	1	.....
Effusion on Brain	1	1
Empyema	.....	1
Emphysema of Lungs	1	.....
Epilepsy	1	.....
Erysipelas	1	.....
Fever, Brain	.....	1
" Catarrhal	.....	3
" Gastric	1	.....
" Puerperal	5	.....
" Remittent	.....	1
" Rheumatic	.....	1
" Scarlet	1	7
" Typhoid	7	6
" Urethral	1	.....
Gangrene	2	.....
Hemorrhage from Lungs	2	.....
" S. & Bowels	3	.....
" Uterus	1	.....
Hernia, Strangulated	2	.....
Hooping Cough	.....	4
Inflammation of Brain	.....	3
" Bladder	1	.....
" Bronchi	3	4
" Kidneys	1	.....
" Larynx	.....	2
" Lungs	12	16
" Pericardium	1	1
" Peritoneum	2	3
" S. & Bowels	5	2
" Tonsils	.....	1
" Uterus	1	.....
Inanition	1	8
Intussusception	1	.....
Intemperance	1	.....
Jaundice	1	.....
Marasmus	.....	11
Murder	2	.....
Neuralgia of the Heart	2	.....
Old Age	11	.....
Obstruction of Bowels	.....	2
Paralysis	2	1
Premature Birth	.....	4
Purpura	2	.....
" Hemorrhagica	1	.....
Pyemia	1	1
Retention of Urine	.....	1
Scrofula	.....	1
Small-pox	.....	4
Softening of Brain	1	.....
Strangulation	1	.....
Stricture of the Bowels	.....	1
Still-born	.....	20
Suffocation	1	.....
Suicide, Arsenic	1	.....
" Drowning	.....	1
Teething	.....	2
Trismus Nascentium	1	.....
Tumor, Vagina	.....	1
Ulceration of the Bowels	1	.....
Unknown	1	.....
Uræmia	197	185

DEATHS IN EACH WARD.	
First	19
Second	16
Third	9
Fourth	14
Fifth	13
Sixth	3
Seventh	12
Eighth	12
Ninth	9
Tenth	7
Eleventh	7
Twelfth	13
Thirteenth	3
Fourteenth	8
Fifteenth	20
Sixteenth	8
Seventeenth	8
Eighteenth	22
Nineteenth	35
Twentieth	19
Twenty-first	6
Twenty-second	8
Twenty-third	4
Twenty-fourth	23
Twenty-fifth	12
Twenty-sixth	20
Twenty-seventh	22
Twenty-eighth	15
Twenty-ninth	15

Of the above there were:

Under 1 year	95
From 1 to 2	22
" 2 to 5	28
" 5 to 10	21
" 10 to 15	9
" 15 to 20	10
" 20 to 30	33
" 30 to 40	41
" 40 to 50	30
" 50 to 60	27
" 60 to 70	23
" 70 to 80	25
" 80 to 90	15
" 90 to 100	3
" 100 to 110	0

Nativity, &c.

United States	289
Foreign	75
Unknown	18
From Almshouse	15
People of Color	27
Males	196
Females	186
Boys	110
Girls	75

Meteorological Observations taken at the Signal Office, Philadelphia,

during the

Week Ending Saturday, January 1, 1876.

Month and Day.	Barometer.			Mean Daily Value.	Thermometer.			Mean Daily Value.	Rel. Humidity			Direction of Wind			Vel. of Wind.			State of Weather.			Rain.
1875. December.	7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.		7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	In.
Sunday, 26	30.21	30.07	29.87	30.00	36	39	44	41	80	100	100	E.	E.	N.W	11	12	6	Cloudy	Light Rain	Foggy	.03
Monday, 27	29.99	30.30	30.47	30.31	47	42	32	38	92	74	69	N. E	N.	N. E	23	15	12	Light Rain	Clear	Clear	.21
Tuesday, 28	30.43	30.29	30.25	30.30	29	33	34	32	89	100	100	N. E	E.	N. E	14	10	10	Cloudy	Light Rain	Cloudy	.25
Wednesday, 29	30.28	30.30	30.32	30.30	33	37	37	36	100	100	100	E.	N. E	E.	9	11	9	Foggy	Foggy	Light Rain	.07
Thursday, 30	30.29	30.24	30.31	30.29	38	43	44	42	100	100	92	N. E	N.	W.	16	3	12	Light Rain	Foggy	Foggy	.12
Friday, 31	30.34	30.28	30.27	30.29	41	43	43	43	100	100	100	W.	W.	W.	5	9	8	Foggy	Foggy	Foggy	.....
January, '76 Saturday, 1	30.20	30.16	30.14	30.16	47	53	53	51	100	100	100	W.	S. W	S. W	7	11	7	Foggy	Foggy	Foggy	.....
Means.....	.....	.....	.....	30.23	...	...	...	40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.68

The surface of the mercury in the cistern of Barometer is 46.9 feet above the mean level of the sea.

Barometer corrected for temperature, elevation above sea, and instrumental error.

TABLE XI.

Marriages, Births, and Deaths, for each month.

1875. MONTHS.	Marriages.	Births.	Deaths.
January	504	1,558	1,344
February	410	1,455	1,392
March	446	1,558	1,843
April	531	1,233	1,377
May	513	1,382	1,398
June	520	1,475	1,769
July	426	1,549	1,744
August	414	1,533	1,926
September	590	1,593	1,175
October	593	1,500	1,165
November	633	1,491	1,092
December	564	1,606	1,580
Total	6,144	17,933	*17,805

Marriages 7.68 in every 1,000 of population.

Births 22.42 in every 1,000 of population.

Deaths 22.24 in every 1,000 of population.

*Still-births excluded.

TABLE XII.

The following table shows a general summary of Deaths, Male and Female, from Scarlet Fever, from 1862 *to* 1875, *inclusive.*

YEARS.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		TOTALS.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F	
1862	50	49	17	27	18	23	23	19	18	27	15	12	15	18	7	13	5	8	12	17	21	10	21	11	461
1863	11	6	12	21	20	19	22	25	17	13	17	8	10	12	7	7	7	8	6	3	7	9	6	2	275
1864	5	6	4	11	12	12	11	9	11	8	11	8	15	13	11	10	7	8	12	8	31	29	47	50	349
1865	34	38	43	52	37	41	25	35	13	21	35	35	27	19	23	19	11	12	10	6	25	23	18	22	624
1866	28	33	24	28	12	11	18	20	22	17	24	22	18	12	12	15	8	11	19	13	17	30	38	39	491
1867	38	41	22	27	17	18	16	19	22	27	11	18	8	22	12	8	2	1	9	6	7	7	6	3	367
1868	8	11	4	8	10	4	10	10	6	6	12	11	6	5	6	9	10	8	12	12	9	11	16	20	224
1869	22	21	29	23	37	35	33	36	34	40	47	37	28	30	18	34	15	25	32	23	46	43	62	49	799
1870	57	55	55	59	87	67	72	73	76	90	38	52	27	26	17	18	6	10	7	7	12	14	16	15	956
1871	19	14	15	22	22	22	15	15	20	17	5	12	11	2	7	3	1	4	7	6	5	9	5	4	262
1872	6	9	10	10	8	6	7	7	8	9	11	15	9	10	5	5	1	2	5	3	7	5	8	8	174
1873	17	17	13	13	22	30	18	18	20	25	19	13	11	16	4	2	1	5	6	3	11	15	11	9	319
1874	24	20	17	22	18	14	15	21	17	16	22	11	14	15	17	18	27	20	23	28	18	19	23	22	461
1875	42	60	47	42	67	82	67	54	54	50	91	80	39	48	32	31	14	16	14	19	14	18	18	33	1,032

TABLE XIII.—Cholera Infantum, June, 1875.

Deaths per Diem, with Meteorological Observations, &c.

Days of the Month.	Deaths per Diem.	THERMOMETER.			BAROMETER.	Rain, Inches.	Prevailing Winds.
		Mean Daily Value.	Maximum.	Minimum.	Mean Daily Value.		
1	.....	64	75	58	30.19	.....	S. E.
2	.....	60	65	55	30.19	.....	S.
3	.....	63	68	59	30.18	N. M.	S.
4	.....	71	78	62	30.18	.....	S.
5	2	70	80	64	30.12	.10	S. W.
6	2	72	75	68	29.93	N. M.	S. W.
7	2	65	71	60	29.85	.54	W.
8	.....	64	71	60	30.15	.....	S.
9	1	59	64	58	30.13	.03	E.
10	4	70	75	60	30.07	.01	N. E.
11	.....	70	83	61	30.12	.....	E.
12	2	69	77	59	29.91	.....	S. W.
13	3	60	63	54	30.04	.55	N.
14	1	64	68	57	30.06	.....	W.
15	2	69	75	63	29.94	.....	W.
16	1	69	78	64	29.89	.....	E.
17	.....	72	81	68	29.97	.....	S.
18	3	64	66	62	29.84	.17	N.
19	3	69	76	61	29.98	.01	N. W.
20	5	69	78	64	30.19	.....	W.
21	2	72	81	65	30.14	.....	W.
22	6	72	83	63	30.02	.....	S. W.
23	6	77	85	71	29.96	.01	S. W.
24	6	82	92	73	29.97	.....	S. W.
25	10	83	94	79	29.96	.....	W.
26	16	83	93	78	29.94	.....	W.
27	19	84	92	77	29.89	.....	W.
28	10	81	89	79	29.94	1.23	N. W.
29	10	71	80	68	30.08	.88	E.
30	10	77	83	71	30.05	.60	W.

TABLE XIV.—Cholera Infantum, July, 1875.

Deaths per Diem, with Meteorological Observations, &c.

Days of the Month.	Deaths per Diem.	Thermometer.			Barometer.	Rain, Inches.	Prevailing Winds.
		Mean Daily Value.	Maximum.	Minimum.	Mean Daily Value.		
1	7	78	78	73	30.11	.....	N. W.
2	7	70	74	67	30.16	.....	S.
3	12	70	76	68	30.13	.....	S.
4	9	76	82	67	30.10	.....	S.
5	13	79	86	74	30.11	.....	W.
6	22	79	91	75	30.05	.....	S. W.
7	11	77	81	75	30.12	.....	W.
8	17	75	83	72	30.24	.....	E.
9	12	75	83	72	30.24	.....	E.
10	18	75	80	69	30.15	.....	S.
11	16	77	85	73	29.87	.09	N. W.
12	21	70	74	66	29.96	.....	E.
13	11	77	84	69	29.81	.....	W.
14	18	76	79	73	29.82	.....	W.
15	16	74	75	74	29.80	.....	S.
16	23	75	77	74	29.73	.76	N.
17	17	80	83	77	29.83	.....	W.
18	20	77	92	72	29.85	.....	N.
19	6	67	75	63	30.16	.....	E.
20	15	66	65	63	30.05	.05	S.
21	17	77	83	73	29.92	.....	S.
22	26	76	83	75	29.93	N. M.	S.
23	15	80	85	76	29.84	.05	N. W.
24	14	76	81	72	30.04	.....	N.
25	11	76	83	70	30.14	.....	S. W.
26	14	81	86	73	30.08	.....	W.
27	16	78	85	76	29.79	.66	N. W.
28	9	75	72	71	29.95	.03	N. E.
29	14	68	68	67	29.93	1.95	N. E.
30	15	76	83	67	29.98	.....	W.
31	16	73	75	72	30.07	N. M.	N. E.

TABLE XV.—Cholera Infantum, August, 1875.
Deaths per Diem, with Meteorological Observations, &c.

Days of the Month.	Deaths per Diem.	Thermometer.			Barometer.	Rain, Inches.	Prevailing Winds.
		Mean Daily Value.	Maximum.	Minimum.	Mean Daily Value.		
1	7	67	70	66	30.15	.....	E.
2	10	59	59	50	30.14	1.03	E.
3	8	69	74	69	30.10	.22	W.
4	14	75	81	72	30.05	.05	S. W.
5	11	76	80	71	29.94	.16	W
6	11	77	85	73	29.87	.18	S. W.
7	8	72	79	69	29 90	1.30	S. W.
8	7	74	80	69	30.01	.....	S. W.
9	9	75	81	69	29.99	.....	N. W
10	19	74	84	69	29.97	.....	S.
11	18	75	78	72	29.94	.28	S.
12	11	75	75	73	30.00	.79	S.
13	9	76	84	72	29.97	.64	S.
14	8	75	81	71	29.98	.....	S. W.
15	10	76	81	74	29.94	.22	S. W.
16	10	76	81	72	29.87	.02	W.
17	11	77	83	73	29.87	.04	S.
18	7	77	81	73	29.76	.50	S. W.
19	10	76	81	72	29.84	N. M.	S. W.
20	16	76	81	72	30.11	.....	W.
21	7	74	80	70	30.16	.....	W.
22	5	73	80	69	30.17	.30	S.
23	9	63	64	62	30.23	.63	E.
24	8	64	68	62	30.32	.06	E.
25	5	66	71	62	30.27	.....	E.
26	6	67	71	63	30.20	.....	E.
27	6	66	68	61	30.19	.....	E.
28	4	70	74	64	30.15	N. M.	E.
29	4	74	79	67	30.01	.....	E.
30	6	77	82	71	29.91	.....	N.
31	7	78	83	73	30.01	.....	E.

TABLE XVI.—Cholera Infantum, September, 1875.

Deaths per Diem, with Meteorological Observations, &c.

Days of the Month.	Deaths per Diem.	THERMOMETER.			BAROMETER.	Rain, Inches.	Prevailing Winds.
		Mean Daily Value.	Maximum.	Minimum.	Mean Daily Value.		
1	1	73	80	71	30.11	.....	E.
2	9	75	82	66	29.98	.....	E.
3	6	80	89	72	29.85	.....	W.
4	8	79	87	74	29.76	.....	W.
5	4	71	75	67	29.94	.....	N. W.
6	4	75	83	69	29.89	.....	W.
7	2	71	73	65	30.05	.....	N.
8	4	71	78	64	30.15	.....	N.
9	4	72	81	66	30.14	.....	W.
10	4	65	75	57	30.98	.94	N.
11	1	55	60	49	30.35	.....	E.
12	1	57	68	53	30.34	.....	E.
13	2	68	74	63	30.29	.....	N. E.
14	3	69	76	65	30.28	.....	E.
15	2	70	76	65	30.03	.....	W.
16	4	66	67	64	29.72	.29	E.
17	1	61	68	64	29.68	.....	N. W.
18	3	55	59	47	29.96	.05	W.
19	1	51	52	50	29.72	1.16	N. E.
20	1	57	64	50	29.91	.....	W.
21	2	54	59	49	30.14	.....	N. W.
22	1	52	55	48	30.29	.....	N.
23	2	53	57	48	30.38	.....	N.
24	2	55	63	49	30.35	.....	S. W.
25	1	58	66	49	30.04	.....	S. W.
26	3	56	61	52	29.89	.04	N. W
27	1	58	69	49	29.99	.....	W.
28	1	64	74	52	30.07	.....	W.
29	2	64	74	54	29.96	.....	N. E.
30	1	66	77	60	29.66	.05	S. W.

TABLE XVII.—*Meteorological Observations taken at the Signal Office, Philadelphia, Pa., furnished by F. M. M. Beall, Observer, S. S. S. U. S. A.*

DATE. 1875.	BAROMETER.							THERMOMETER.							Mean Relative Humidity.	WIND.							A'mt of rain & melted snow.		Number of Auroras.
	Mean.	MEAN OF			RANGE.			Mean.	MEAN OF			RANGE.				Prevailing winds.	NUMBER OF MILES.					Total.	Amount in inches.	Number of days on which rain or snow fell.	
		A. M. observation.	P. M. observation.	Night observation.	Highest.	Lowest.	Difference.		A. M. observation.	P. M. observation.	Night observation.	Maximum.	Minimum.	Difference.			Noon to 6 P. M.	6 P. M. to midnight.	Midnight to 6 A. M.	6 A. M. to noon.	Maximum velocity during month.				
January	30.231	30.272	30.201	30.229	30.787	29.666	1.121	26.1	23.0	28.8	25.6	44.5	-5.0	49.5	71	N.W.	2028	1807	1808	1986	30	7629	2.83	16	0
February	30.131	30.162	30.092	30 153	30.671	29.370	1.301	26.1	21.9	30.7	24.1	57.0	-1.0	58.0	66	N.W.	2327	.....	.....	.....	45	8159*	3.20	12	1
March	30.104	30.145	30.074	30.101	30.491	29.380	1.111	34.9	31.1	38.8	34.2	61.0	12.0	49.0	69	E.	.....	.....	.....	.....	42	7278†	3.10	16	None
April	29.978	30.011	29.933	29.985	30.449	29.551	0.898	45.5	40.7	50.9	43.4	71.0	20.0	51.0	59	N.W.	.....	.....	.....	.....	36	7322‡	2.85	16	"
May	29.993	30.018	29.946	30 001	30.325	29.457	0.868	61.4	57.8	68.5	58.4	89.0	40.0	49.0	54	S.W.	.....	.....	.....	.....	42	7676	1.36	9	"
June	30.034	30.061	29.996	30.037	30.239	29.711	0.528	70.5	66.6	77.0	67.0	95.0	51.0	44.0	65	S.W.	.....	.....	.....	.....	45	6544	4.13	14	"
July	29.996	30.014	29 957	29.995	30.259	29.631	0.628	74.6	72.0	80 4	72.1	92.0	61.0	31.0	66	S.W.	2036	1415	1158	1591	36	6200	3.63	11	"
August	30.035	30.052	30.009	30.037	30.333	29.719	0.614	72.4	69.9	76.5	70.3	85.0	58.0	27.0	76	S.W.	2002	1409	1350	1740	30	6501	6.42	18	"
September	30.035	30.059	30.002	30.038	30.429	29.573	0 856	64.1	60.1	70.3	61.4	90.0	45.0	45.0	65	W.	1961	1310	1309	1676	34	6256	2.53	6	"
October	30.015	30.043	29.968	30.020	30 555	29.361	1.194	53.7	49.1	59.9	51.1	74.0	35 0	39.0	65	W.	2'53	1773	1493	1837	40	7256	1.42	8	"
November	30.107	30.130	30.085	30.118	30.750	29.536	1.214	39.7	36.7	43 6	37.9	62.0	8.0	54.0	68	W.	1977	1651	1718	1993	42	7339	5.40	14	"
December	30.042	30.063	30.027	30.036	30.743	29 419	1.324	34.7	31.5	37.2	34 1	65 0	4.0	61.0	76	N.W.	2210	1753	1715	1986	35	7664	3.37	14	"
Total	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	85,824‖	40.24	154	1
Annual means.	30.059	30.086	30.024	30.062	30.503	29.531	0 971	50.3	46 7	55.2	48.3	73.8	27.3	46.5	67	.....	.....	.....	.....	.....	38	.....	3.35	.....	.....

*26 days. † 28 days ‡29 days. § 29 days. ‖356 days.

GENERAL REMARKS.

JANUARY.—The month was remarkable for great number of rainy days with accompanying northwest winds, and by steady low temperature.

FEBRUARY.—Very cold weather was the only very remarkable feature about this month.

MARCH.—The month is remarkable for very cold weather, and unusually prevalent easterly winds.

APRIL.—Cold weather and light rainfall, with steady northwest winds have been the marked features of the month.

MAY.—The month was specially marked by southwest winds, slight range of Barometer and slight rainfall.

JUNE.—The month was specially noted for the very continuous high temperature from the 22d to the 28th, and for heavy rainfall.

JULY.—Very heavy rain storm on the 29th. Pressure and temperature about normal. A wind storm occurred on the 18th.

AUGUST.—The month was remarkable for great number of rainy days, and absence of thunder storms.

SEPTEMBER.—Deficiency of rain and cloud. No dangerous winds. Thunder storm on 30th. Brilliant Meteor on 28th.

OCTOBER.—Precipitation much less than for many previous years. First frost observed on 9th inst. First snow on 31st. Indian Summer from 20th to 26th.

NOVEMBER.—Range of temperature remarkable for November. Ice on 3d. Light snow on 23d. Sleet on 23d and 19th. Frost on 2d and 6th insts.

DECEMBER.—Rivers frozen over on 19th. Thick fog prevailed on 11 days, 20 days were cloudy. Temperature normal.

TABLE XVIII.

Total deaths from fevers each week during the year 1875.

Weeks Ending 1875.	Bilious.	Brain.	Catarrhal.	Congestive.	Gastric.	Hectic.	Intermittent.	Malarial.	Nervous.	Puerperal.	Remittent.	Rheumatic.	Scarlet.	Typhoid.	Typhus.	Urethral.
January 9	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	19	7	.....	.....
" 16	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	24	9	.....	.....
" 23	.....	.....	2	.....	2	.....	.....	.....	.....	3	.....	.....	25	7	.....	.....
" 30	.....	.....	1	1	.....	.....	.....	.....	.....	4	1	.....	31	10	1	.....
February 6	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	19	8	.....	.....
" 13	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	24	11	1	.....
" 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	21	5	.....	.....
" 27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	25	6	.....	.....
March 6	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	29	7	1	.....
" 13	.....	.....	.....	2	.....	.....	.....	.....	.....	3	.....	.....	36	7	.....	.....
" 20	.....	.....	.....	.....	.....	.....	.....	.....	1	3	.....	.....	29	11	.....	.....
" 27	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	26	6	1	.....
April 3	1	.....	1	.....	.....	.....	.....	.....	.....	3	.....	.....	29	8	.....	.....
" 10	.....	.....	.....	.....	.....	.....	1	.....	.....	3	.....	.....	26	6	.....	.....
" 17	1	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	35	6	.....	.....
" 24	.....	1	.....	.....	.....	.....	.....	.....	.....	2	1	.....	28	5	.....	.....
May 1	.....	.....	1	.....	.....	.....	.....	.....	.....	4	.....	.....	32	3	.....	.....
" 8	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	.....	.....	18	8	.....	.....
" 15	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	34	7	.....	.....
" 22	.....	.....	.....	.....	.....	.....	.....	.....	.....	3	1	.....	25	5	1	.....
" 29	.....	2	.....	.....	.....	.....	1	.....	1	1	.....	.....	27	5	1	.....
June 5	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	28	3	.....	.....
" 12	.....	.....	.....	.....	2	.....	.....	.....	.....	3	.....	.....	26	3	1	.....
" 19	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	38	9	1	.....
" 26	.....	.....	.....	.....	.....	.....	.....	.....	.....	4	.....	.....	35	7	1	.....
July 3	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	44	8	.....	.....
" 10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40	5	.....	.....
" 17	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	15	5	.....	.....
" 24	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	20	3	.....	.....
" 31	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	12	11	1	.....
August 7	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	22	5	2	.....
" 14	.....	1	.....	.....	.....	.....	1	.....	.....	2	.....	.....	15	10	.....	.....
" 21	.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8	13	.....	.....
" 28	.....	.....	.....	1	.....	.....	.....	1	.....	2	.....	.....	17	8	.....	.....
September 4	2	.....	.....	.....	.....	.....	.....	1	.....	1	2	.....	1	12	1	.....
" 11	.....	.....	1	2	.....	.....	1	.....	.....	.....	.....	.....	10	8	.....	.....
" 18	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	1	.....	11	12	.....	.....
" 25	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	3	10	.....	.....
October 2	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	6	8	3	.....
" 9	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	1	.....	10	8	.....	.....
" 16	1	.....	.....	.....	.....	.....	.....	1	.....	2	.....	.....	4	9	1	.....
" 3	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	13	6	.....	.....
" 30	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	6	11	1	.....
November 6	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	8	9	.....	.....
" 13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	7	7	.....	.....
" 20	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	11	7	.....	.....
" 27	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	6	7	.....	.....
December 4	1	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	9	9	1	.....
" 11	.....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	13	8	1	.....
" 18	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	11	9	.....	.....
" 25	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	10	11	1	.....
January 1	.....	1	3	.....	1	.....	.....	.....	.....	5	1	1	8	13	.....	1

TABLE XIX.

Total weekly deaths (still-births excluded) with Meteorological Observations, &c., for the year 1875.

Weeks Ending 1875.	Total weekly deaths (still births excluded.)	THERMOMETER. Mean.	BAROMETER. Mean.	HUMIDITY. Mean.	Rain, Inches.
January 9	292	29	30.23	72	.86
" 16	329	21	30.32	65	.31
" 23	355	22	30.32	71	.18
" 30	390	30	30.05	74	.86
February 6	333	28	30.16	70	.74
" 13	361	17	30.20	66	.52
" 20	339	21	30.08	64	.69
" 27	386	41	29.98	72	.86
March 6	384	28	30.15	81	1.04
" 13	366	36	29.99	69	1.28
" 20	379	34	29.52	71	.57
" 27	357	32	30.20	60	.22
April 3	387	49	30.27	49	.40
" 10	334	47	30.20	57	.....
" 17	361	42	29.82	75	1.53
" 24	337	39	29.87	49	.28
May 1	363	49	29.92	54	.60
" 8	365	50	29.91	56	.36
" 15	361	61	30.00	56	.11
" 22	335	62	30.08	41	.01
" 29	355	71	29.94	62	.87
June 5	295	66	30.12	60	.10
" 12	343	67	30.02	74	.58
" 19	318	67	29.96	50	.73
" 26	324	77	30.02	58	.01
July 3	526	76	30.05	67	2.71
" 10	412	76	30.14	72	.....
" 17	459	76	29.83	65	.85
" 24	458	74	29.99	60	.10
" 31	436	75	29.99	67	2.64
August 7	390	70	30.02	80	2.94
" 14	443	75	29.98	88	1.71
" 21	385	76	29 93	74	.78
" 28	360	67	30.22	74	.99
September 4	367	77	29.94	67	.....
" 11	312	69	30.21	62	.94
" 18	305	64	30.04	71	.34
" 25	257	54	30.12	60	1.16
October 2	323	60	29.94	73	.10
" 9	270	59	30.13	67	.09
" 16	326	49	30.02	73	.31
" 23	315	53	30.04	57	.....
" 30	275	56	29.88	65	1.01
November 6	271	38	29.98	63	.68
" 13	286	44	30.06	64	1.46
" 20	297	41	29.92	75	.48
" 27	262	39	30.35	73	2.77
December 4	297	30	30.31	63	.06
" 11	312	36	29.78	82	1.91
" 18	326	30	29.78	67	.05
" 25	304	37	30.18	74	.68
January 1	362	40	30.23	95	.68

TABLE XX.—Still-births.

The following table will show the number of Still-births returned for the year 1875, *Monthly and by Wards.*

WARDS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
First	.....	8	4	1	1	5	1	6	4	2	3	6	41
Second	7	6	1	2	3	6	1	4	4	5	5	2	46
Third	.....	2	5	1	3	2	2	.....	.....	3	1	.....	19
Fourth	3	3	3	.....	6	2	2	2	.....	1	4	4	30
Fifth	2	1	4	.....	5	2	.....	5	.....	.....	3	5	27
Sixth	1	1	1	.....	2	.....	1	1	1	1	.....	1	10
Seventh	2	1	7	7	3	3	4	5	10	2	6	3	53
Eighth	3	2	3	.....	2	.....	1	2	.....	1	1	3	18
Ninth	1	1	5	1	.....	1	2	.....	1	1	1	3	17
Tenth	1	4	2	3	1	.....	.....	.....	1	1	2	3	18
Eleventh	1	2	1	2	2	1	2	2	1	3	2	3	22
Twelfth	.....	1	2	.....	1	.....	.....	1	.....	1	1	2	9
Thirteenth	.....	2	2	1	.....	1	2	4	1	3	1	2	19
Fourteenth	2	2	3	2	1	3	1	3	.....	1	1	.....	19
Fifteenth	5	5	4	1	6	5	3	4	5	4	4	6	52
Sixteenth	1	2	4	2	2	1	.....	4	1	.....	1	1	19
Seventeenth	2	4	2	1	1	3	2	2	2	3	.....	4	26
Eighteenth	.....	.....	6	3	7	5	4	4	1	1	2	2	35
Nineteenth	10	3	6	9	4	6	5	4	9	5	12	6	79
Twentieth	4	5	2	3	2	3	5	2	1	1	1	1	30
Twenty-first	.....	.....	2	1	2	1	2	2	2	1	.....	1	14
Twenty-second	2	.....	3	2	3	3	4	2	2	.....	4	2	27
Twenty-third	.....	1	4	1	.....	2	1	1	.....	.....	1	.....	11
Twenty-fourth	4	1	7	3	5	2	2	4	3	1	2	3	37
Twenty-fifth	1	1	3	3	1	3	4	2	.....	3	.....	6	27
Twenty-sixth	4	2	5	6	3	1	3	6	3	7	5	7	52
Twenty-seventh	1	1	1	1	2	1	.....	5	.....	.....	2	.....	14
Twenty-eighth	.....	3	1	2	1	1	.....	1	.....	6	.....	5	20
Twenty-ninth	4	2	8	3	3	2	3	3	2	1	1	1	33
Total	61	66	101	61	72	65	57	81	54	58	66	82	824

Premature Births.—The number of premature births returned for the year was two hundred and eighty (280); one hundred and sixty-three (163) were males and one hundred and seventeen (117) were females.

Monthly Rain-fall in Inches.

PENNSYLVANIA HOSPITAL, PHILADA., PA.

Mean of Twenty Years Observations, 1856 to 1875.

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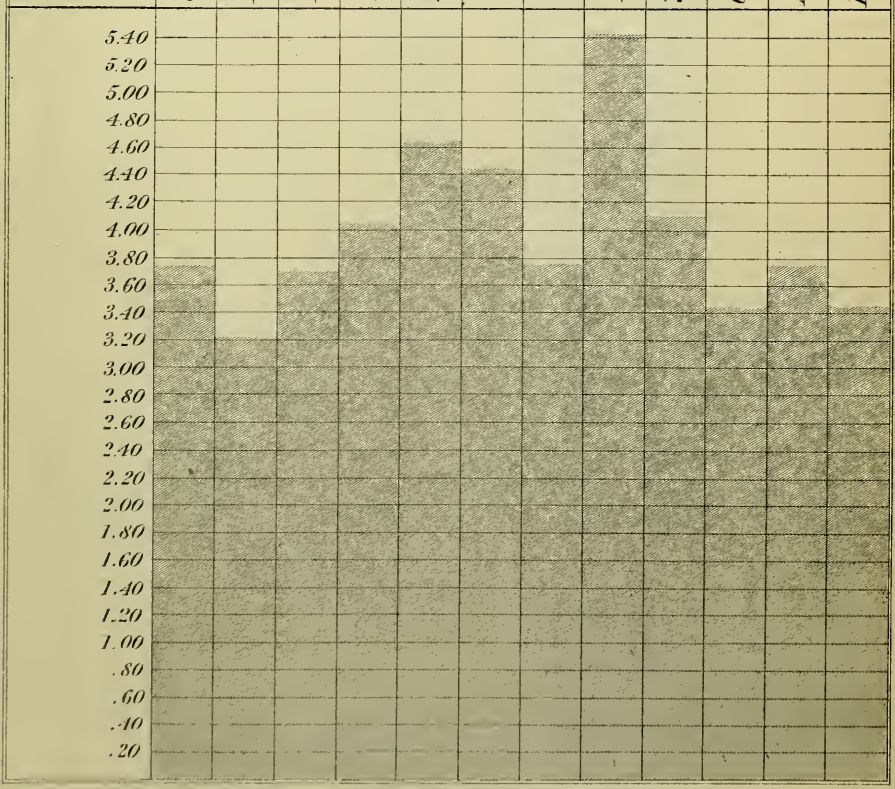

Designed by Geo. E. Chambers.

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TABLE XXI.

The following table will show a general summary of the returns made to this Department for the past fifteen years and six months.

YEARS.	BIRTHS.	MARRIAGES.	DEATHS.
1860 (six months)	8,434	2,310	6,342
1861	17,271	4,417	14,468
1862	14,741	4,662	15,097
1863	15,293	5,474	15,788
1864	15,591	6,752	17,582
1865	15,428	6,864	17,169
1866	17,437	7,087	16,803
1867	17,007	6,084	13,933
1868	17,259	6 371	14,693
1869	16 960	6,382	14,786
1870	17.194	6,421	16,750
1871	18,346	6,806	16,993
1872	20,072	6,496	20,544
1873	18,702	7,891	16,736
1874	19,387	6,639	16,315
1875	17.933	6,144	18,909
Totals	267,055	96,800	*252,908

*Includes still-born, and deaths from other localities.

The above table shows the returns filed in the department since the law commenced operation (July 1, 1860), the number of births two hundred and sixty-seven thousand and fifty-five (267,055); marriages ninety-six thousand eight hundred (96,800), and number of deaths, two hundred and fifty-two thousand nine hundred and eight (252,908).

Respectfully submitted,

JOHN E. ADDICKS,

Health Officer.

Attest:

GEORGE E. CHAMBERS,

Registrar.

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